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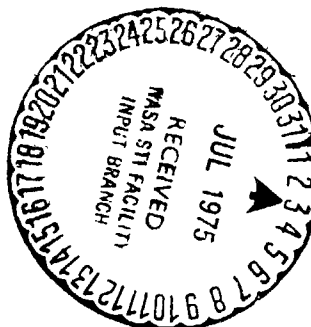
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## DATA FOR NASA'S AVE III EXPERIMENT: 25-MB Sounding Data and Synoptic Charts

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June 1975



NASA

*George C. Marshall Space Flight Center  
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16. ABSTRACT  This report describes the AVE III Experiment and presents tabulated rawinsonde data at 25-mb intervals from the surface to 25 mb for the 41 stations participating in the experiment. The experiment was conducted between 0000 GMT, February 6, and 1200 GMT, February 7, 1975. Brief discussions are given on methods of data processing, changes in the reduction scheme since the AVE II Pilot Experiment, and data accuracy. An example of contact data is presented as well as synoptic charts prepared from the data.					
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DATA FOR NASA'S AVE III EXPERIMENT:  
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

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I. Introduction

The first NASA Atmospheric Variability Experiment (AVE I) was conducted during the period February 19-22, 1964. Data for AVE I were presented by Scoggins and Smith (1973 a and b), and a compilation of studies from AVE I has been presented by Scoggins, et al. (1973). The second NASA Atmospheric Variability (Pilot) Experiment (AVE IIP) was conducted during the period May 11-12, 1974. The reduction procedures and accuracy of these data have been described by Fuelberg (1974), while the data were presented by Scoggins and Turner (1974) and by Fuelberg and Turner (1974). Studies using AVE IIP data, including satellite and radar data, are underway. Results from AVE I and AVE IIP have demonstrated conclusively that systems with a time scale less than 12 hours are important features of the atmosphere and should be studied in greater detail with additional AVE-type experiments.

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To provide these additional data, the third NASA Atmospheric Variability Experiment (AVE III) was conducted on February 5-7, 1975, and the fourth Atmospheric Variability Experiment (AVE IV) was conducted on April 24-25, 1975. This report presents rawinsonde data and synoptic charts for AVE III. Selected data from other sources such as satellite, radar, and surface stations are available but are not presented in this report.

## II. The AVE III Experiment

Forty-one rawinsonde stations participated in the AVE III experiment. These are shown in Fig. 1 and listed in Table 1. Soundings were taken at nine time periods - February 6 at 0000GMT, 0600GMT, 1200GMT, 1500GMT, 1800GMT, and 2100GMT, and on February 7 at 0000GMT, 0600GMT, and 1200GMT. The objectives of AVE III are to evaluate the accuracy and representativeness of quantitative satellite data under conditions of heavy snow cover, to investigate the temporal and spatial variability of atmospheric parameters and systems of a scale smaller than that normally detected from data available at intervals of 12 hours, and to investigate the structure and dynamics of the atmosphere associated with severe weather. To achieve these goals it was desirable to conduct AVE III during a period when snow cover and convective activity were present, large horizontal temperature gradients existed, a jet stream was present, a variety of cloud conditions existed, and rapid changes in weather patterns were expected to occur. The synoptic situation during the AVE III period met the desired conditions and is described in Section V.

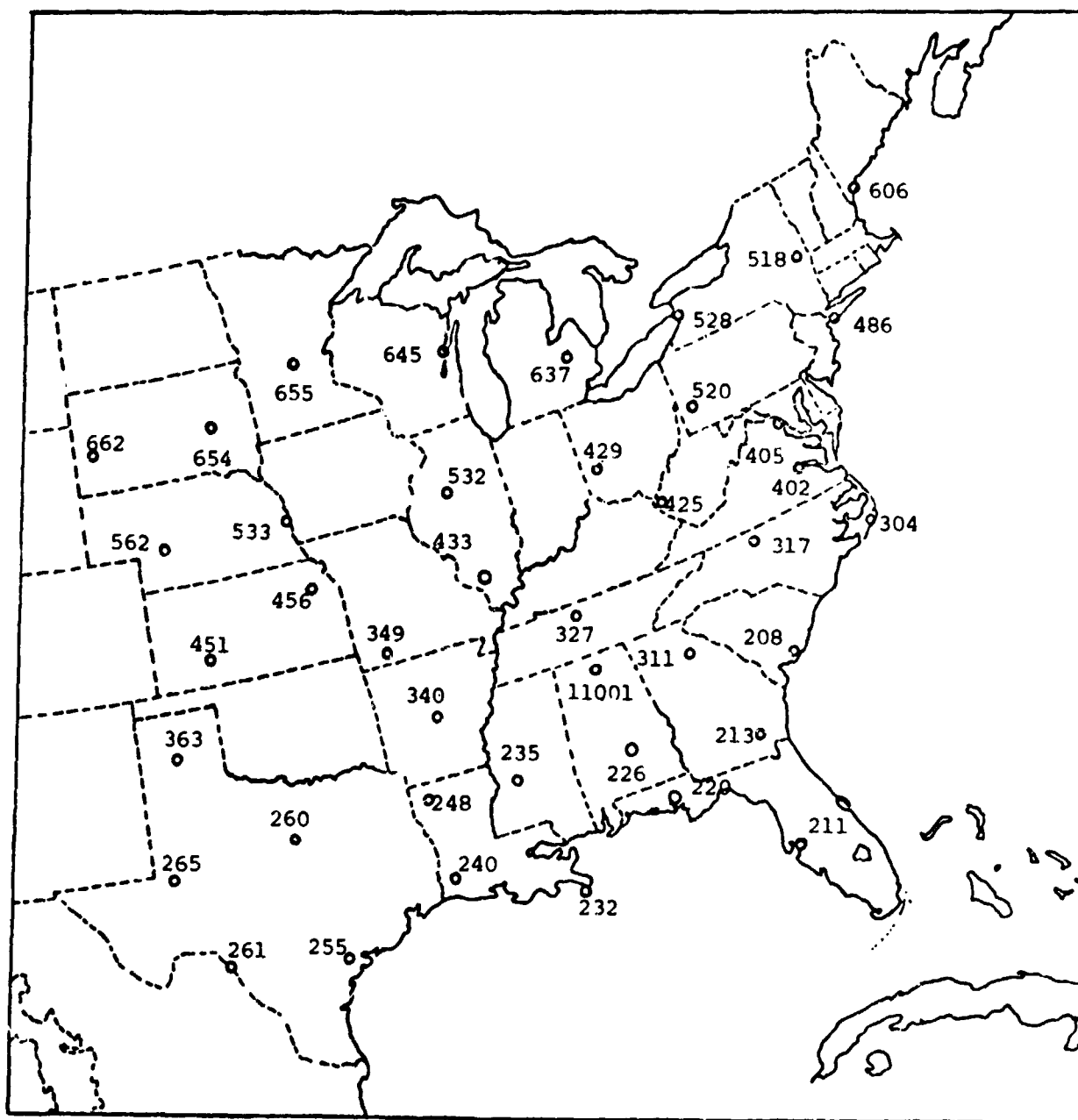


Fig. 1. Rawinsonde stations participating in the AVE III experiment.

Table 1

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Rawinsonde Stations Participating in AVE III Experiment


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<u>Station Number</u>	<u>Location</u>
208 (CHS)	Charleston, South Carolina
211 (TPA)	Tampa, Florida
213 (AYS)	Waycross, Georgia
220 (VPS)	Apalachicola, Florida
226 (CEN)	Centerville, Alabama
232 (BVE)	Boothville, Louisiana
235 (JAN)	Jackson, Mississippi
240 (LCH)	Lake Charles, Louisiana
248 (SHV)	Shreveport, Louisiana
255 (VCT)	Victoria, Texas
260 (SEP)	Stephenville, Texas
261 (DRT)	Del Rio, Texas
265 (MAF)	Midland, Texas
304 (HAT)	Hatteras, North Carolina
311 (AHN)	Athens, Georgia
317 (GSO)	Greensboro, North Carolina
327 (BNA)	Nashville, Tennessee
340 (LIT)	Little Rock, Arkansas
349 (UMN)	Monette, Missouri
363 (AMA)	Amarillo, Texas
402 (WAL)	Wallops Island, Virginia
405 (IAD)	Dulles Airport, Virginia
425 (HTS)	Huntington, West Virginia
429 (DAY)	Dayton, Ohio
433 (SLO)	Salem, Illinois
451 (DDC)	Dodge City, Kansas
456 (TOP)	Topeka, Kansas
486 (JFK)	Fort Totten, New York (Kennedy Airport)
518 (ALB)	Albany, New York
520 (PIT)	Pittsburg, Pennsylvania
528 (BUF)	Buffalo, New York
532 (PIA)	Peoria, Illinois
553 (OMA)	Omaha, Nebraska
562 (LBF)	North Platte, Nebraska
606 (PWM)	Portland, Maine
637 (FNT)	Flint, Michigan
645 (GRB)	Green Bay, Wisconsin
654 (HUR)	Huron, South Dakota
655 (STC)	St. Cloud, Minnesota
662 (RAP)	Rapid City, South Dakota
11001 (MSF)	Marshall Space Flight Center, Alabama

### III. Discussion of Basic Data

A. Collection. Original records necessary for reducing the soundings were sent to the Aerospace Environment Division, NASA Marshall Space Flight Center, Alabama, for further processing. Personnel at the Marshall Space Flight Center computed baseline data and extracted angle data at 30-sec intervals, or 1-min intervals in a few cases, from strip charts and punched these into computer cards which were then sent to Texas A&M University. Personnel at Texas A&M University extracted ordinate data at each pressure contact and punched these into cards. Soundings were computed at Texas A&M using an IBM 360/65 computer.

B. Methods of Processing. The procedure used to compute soundings is similar to that used on the AVE IIP data and is described by Fuelberg (1974). Since approximately 120,000 data cards, each containing about five variables, were punched for AVE III, careful editing procedures were necessary to insure accurate soundings. Keypunched data were checked for errors by calculating centered differences on the input data; and processed soundings, based on the input data, were further checked by calculating centered differences of wind direction and speed and by calculating the lapse rates of temperature and dew point. All questionable data were checked against the original strip chart records, and erroneous data were corrected. Errors that were discovered after these checks were made and the data corrected are listed in Table 2.

The final data sets of the AVE III experiment consist of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while wind data were computed at 30-sec intervals by means of centered finite differences over a 1-min period and then smoothed and interpolated to each

pressure contact. These detailed profiles were then interpolated to give data at 25-mb intervals and are presented in this report.

Table 2

Comments and Known Errors Remaining in the Reduced Data  
of the AVE III Experiment

<u>Station</u>	<u>Date/GMT</u>	<u>Error</u>
402 Wallops Island, Virginia	All time periods	Angle data were not available for Stations 402 and 486 to compute winds using the AVE procedure. Winds computed by the National Weather Service are given in the Appendix.
486 Ft. Totten, New York	All time periods	
226 Centerville, Alabama	6/1800	The surface pressure should be 999.3 mb. Pressure altitude may be corrected by adding 49 m to each value given.

C. Changes in the Reduction Procedure. Several changes in the reduction procedure used for the AVE IIP data have been made that affect the output soundings of the AVE III experiment; these will be described here. Two important changes were made in the program used to compute contact data. Humidity values, including dew point temperature, are now computed only at temperatures above  $-40^{\circ}\text{C}$ ; at temperatures below  $-40^{\circ}\text{C}$ , humidity values are indicated by fields of nines as are missing values of humidity. In the AVE IIP data nines were used to indicate both missing humidity values and moisture values based on relative humidity less than 5%. The AVE III data contain computed moisture values down to a relative humidity of 1%; if the value of relative humidity is below 1%, it is set equal to 1% from which the other moisture variables are computed. The second change involves the indication of winds which are

based on low elevation angles. An asterisk following wind speed in the AVE III data means that the elevation angle was between  $10^\circ$  and  $6^\circ$ . A double asterisk indicates that the elevation angle was less than  $6^\circ$ . Since winds computed at low elevation angles have large RMS errors, these data should be used with caution. These two changes are also carried over into the 25-mb data.

An important change was made in the program which produced 25-mb data from contact data. In the AVE IIP data set, 25-mb values of wind direction, scalar speed, and the u- and v-wind components were interpolated independently of each other. The AVE III scheme interpolates the 25-mb values of u- and v-wind components and then determines wind direction and wind speed from the components.

Wind data at Ft. Totten, New York, and Wallops Island, Virginia, could not be computed because angle data were not available. Values of wind direction and speed as a function of time from release have been computed by the National Weather Service using a scheme different from that used in AVE III. These wind data are presented in the Appendix.

#### IV. Discussion of Sounding Data

A. Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVE III data are the same as those given by Scoggins and Smith (1973) for the AVE I data and Fuelberg (1974) for the AVE IIP data. These estimates are:

<u>Parameter</u>	<u>Approximate RMS Error</u>
Temperature	$1^\circ\text{C}$
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb



The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. RMS errors in the AVE III wind data are the same as those given by Fuelberg (1974) for the AVE IIP data. Maximum RMS errors for winds computed at 30-sec intervals (based on the worst geometric tracking configuration) are: at 700 mb about 2.5 mps at an elevation angle of  $10^\circ$  and about 0.5 mps at an elevation angle of  $40^\circ$ ; at 500 mb, 4.5 mps and 0.8 mps for the same elevation angles, and; at 300 mb, 7.8 mps and 1.0 mps, respectively. After assuming typical values of scalar wind speed at the various levels, maximum RMS errors in wind direction were determined. The maximum RMS errors at 700 mb range from about  $9.5^\circ$  at an elevation angle of  $10^\circ$  to about  $1.3^\circ$  at an elevation angle of  $40^\circ$ . At 500 mb, the errors are  $13.4^\circ$  and  $1.8^\circ$  at the same elevation angles, while at 300 mb, the maximum errors are  $18.0^\circ$  and  $2.5^\circ$  respectively. The accuracy of the wind data on pressure contacts and at 25-mb intervals is greater than that stated for the 30-sec winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-sec winds were maxima for the stated conditions.

B. Tabulated Data. An example of AVE III contact data is given in Fig. 2. An explanation of the column headings is given in Table 3, and a list of missing soundings is given in Table 4. In the example, the first line of data for the time of zero minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand side of each page are the number of pressure contacts computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-sec angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic

STATION ID. 20R  
CHAPLETON, SC

5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	II COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO G/M/SEC	RH PCT	RANGE KM	AZ DG
0.0	4.8	13.0	1012.5	10.6	9.5	260.0	14.1	4.0	3.7	283.7	302.5	7.4	93.0	0.0	0.
0.1	5.0	33.6	1010.0	10.5	9.4	259.8	12.7	12.5	2.3	283.8	302.5	7.4	93.0	0.2	70.
0.4	6.0	150.2	596.0	10.7	9.8	259.8	12.7	17.5	2.3	283.7	302.5	7.4	94.1	0.2	70.
0.7	7.0	242.9	585.0	10.7	9.8	261.2	13.2	13.0	2.0	286.1	306.0	7.9	94.5	0.3	75.
1.0	8.0	337.0	574.0	10.6	11.6	263.1	13.9	13.8	1.7	289.8	311.6	8.8	94.7	0.5	77.
1.3	9.0	441.4	562.0	13.1	12.3	267.4	14.1	14.1	0.7	290.7	315.2	9.4	94.9	0.8	80.
1.7	10.0	538.3	951.0	12.8	11.9	270.8	14.2	14.2	-0.2	291.3	315.4	9.3	94.8	1.2	93.
2.1	11.0	654.2	938.0	12.6	11.8	270.9	13.9	13.9	-0.2	292.2	316.5	9.3	94.8	1.5	85.
2.5	12.0	753.5	927.0	12.4	11.6	266.6	14.0	13.9	0.8	293.0	317.3	9.3	94.7	1.8	86.
2.9	13.0	844.6	917.0	12.2	11.3	263.1	14.5	14.4	1.7	293.7	314.0	9.2	94.4	2.2	86.
3.2	14.0	955.3	905.0	12.0	11.0	262.0	14.8	14.6	7.1	294.6	314.9	9.2	93.8	2.4	85.
3.6	15.0	1048.5	895.0	11.4	9.5	261.9	15.0	14.8	2.4	294.9	317.1	8.4	88.0	2.8	85.
4.0	16.0	1171.0	882.0	11.1	7.2	258.8	15.1	14.8	2.9	295.6	315.0	7.3	77.1	3.1	84.
4.4	17.0	1276.1	871.0	12.7	8.0	255.6	15.3	15.7	4.1	297.9	319.8	7.8	75.4	3.5	83.
4.8	18.0	1373.0	861.0	12.2	3.5	253.9	16.9	16.2	4.7	298.6	314.3	5.7	55.2	3.9	83.
5.1	19.0	1480.8	850.0	11.8	4.1	253.4	17.5	16.8	5.0	299.3	316.1	6.1	55.3	4.2	82.
5.5	20.0	1579.8	840.0	10.9	3.5	253.0	19.4	18.6	5.7	299.3	315.5	5.9	60.3	4.6	81.
5.9	21.0	1709.8	827.0	10.1	3.2	253.6	20.9	20.0	5.9	299.9	316.0	5.9	61.9	5.1	80.
6.2	22.0	1810.9	817.0	9.0	3.4	254.7	20.8	20.1	5.5	299.8	316.3	6.0	67.7	5.5	80.
6.6	23.0	1923.1	806.0	7.9	1.0	256.6	20.4	19.9	4.7	299.7	316.1	5.9	70.9	6.0	79.
7.0	24.0	2036.5	795.0	7.1	1.9	257.6	21.3	20.8	4.6	299.9	315.3	5.5	79.6	6.5	79.
7.3	25.0	2140.6	785.0	6.2	1.8	259.0	21.3	20.8	4.4	300.1	315.6	5.6	73.6	6.8	79.
7.7	26.0	2277.5	772.0	5.7	2.5	259.7	21.7	20.8	4.2	301.0	317.5	6.0	60.0	7.4	79.
8.1	27.0	2373.5	763.0	5.0	1.2	259.7	21.1	20.8	3.8	301.2	316.6	5.5	76.7	7.9	79.
8.4	28.0	2481.2	753.0	4.3	-1.8	260.9	21.2	20.9	3.3	301.5	314.1	4.5	64.5	8.3	79.
8.7	29.0	2589.8	743.0	3.4	-3.0	262.0	21.2	21.0	2.9	301.6	313.4	4.1	62.7	8.7	79.
9.1	30.0	2699.8	733.0	2.6	-4.9	263.3	21.1	21.0	2.5	301.8	312.2	3.6	57.4	9.2	80.
9.5	31.0	2811.0	723.0	2.6	-7.7	263.7	21.0	20.8	2.2	302.9	311.6	3.0	46.3	9.7	80.
9.9	32.0	2912.1	714.0	1.1	-3.5	263.4	21.0	20.9	2.4	307.5	314.6	4.2	72.2	10.2	80.
10.3	33.0	3025.6	704.0	0.6	-5.4	261.8	21.2	21.0	3.0	303.7	313.6	3.6	63.7	10.7	80.
10.7	34.0	3128.9	695.0	-0.0	-6.0	257.4	21.3	20.8	1.9	303.5	313.7	3.5	63.4	11.2	80.
11.0	35.0	3233.2	686.0	-0.6	-7.1	257.2	21.3	20.8	4.7	303.9	313.4	3.3	61.3	11.6	80.
11.5	36.0	3374.4	674.0	-0.6	-8.1	253.5	21.2	20.3	6.0	305.4	314.5	3.1	57.1	12.2	80.
11.9	37.0	3481.8	665.0	-0.6	-50.4	251.8	21.5	20.4	6.7	306.2	307.6	0.1	1.0	13.1	79.
12.2	38.0	3590.5	656.0	-0.6	-50.4	251.0	21.9	20.7	7.1	307.4	307.6	0.1	1.0	13.6	79.
12.6	39.0	3713.0	646.0	-1.4	-50.9	250.4	22.5	21.2	7.5	307.9	308.1	0.1	1.0	14.2	79.
13.0	40.0	3824.5	637.0	-2.4	-51.4	250.2	23.0	21.7	7.8	308.0	308.2	0.1	1.0	14.7	78.
13.4	41.0	3949.7	627.0	-3.5	-52.1	250.9	23.1	21.6	7.6	308.2	308.4	0.0	1.0	15.4	78.
13.9	42.0	4063.7	618.0	-4.4	-52.7	252.7	23.4	22.3	6.7	308.4	308.6	0.0	1.0	16.0	78.
14.3	43.0	4179.0	609.0	-5.3	-53.3	254.8	24.2	23.3	6.3	308.5	308.8	0.0	1.0	16.7	78.
14.8	44.0	4308.7	599.0	-6.0	-53.7	257.5	24.8	25.2	5.4	309.2	309.4	0.0	1.0	17.2	78.
15.1	45.0	4413.7	591.0	-6.9	-54.3	254.9	26.7	26.2	5.1	309.4	309.7	0.0	1.0	17.9	78.
15.5	46.0	4533.2	582.0	-8.0	-55.0	260.6	27.4	27.1	4.5	309.5	309.7	0.0	1.0	18.6	78.
15.9	47.0	4640.6	574.0	-8.3	-55.2	260.6	27.2	26.8	4.4	310.4	310.6	0.0	1.0	19.0	78.
16.2	48.0	4767.2	565.0	-8.6	-55.3	254.6	27.0	26.6	4.9	311.5	311.6	0.0	1.0	19.0	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Fig. 2. An example of contact data from the AVE III experiment.

STATION NO. 208  
CHARLESTON, SC5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	P TT DG K	E PNT T DG K	MX PTO G/M/KG	RH PCT	RANGE KM	AZ CG
16.7	49.0	4873.6	557.0	-9.0	-55.6	256.8	27.1	26.4	6.2	312.2	312.4	0.0	1.0	12.8	78.
17.1	50.0	4999.5	548.0	-9.6	-56.0	254.5	27.5	26.5	7.3	313.0	313.1	0.0	1.0	20.5	78.
17.6	51.0	5141.4	538.0	-10.4	-56.5	253.0	27.9	26.5	8.1	313.6	313.7	0.0	1.0	21.3	78.
18.0	52.0	5271.1	529.0	-11.2	-57.0	252.9	27.3	26.0	8.0	314.3	314.4	0.0	1.0	22.1	78.
18.4	53.0	5373.1	522.0	-12.4	-57.8	253.1	26.4	25.3	7.7	313.9	314.0	0.0	1.0	22.6	78.
18.9	54.0	5490.7	514.0	-13.6	-58.5	253.3	26.0	24.9	7.5	314.0	314.1	0.0	1.0	23.4	77.
19.2	55.0	5624.8	505.0	-14.5	-59.1	253.5	26.4	25.3	7.5	314.4	314.5	0.0	1.0	23.8	77.
19.8	56.0	5760.8	496.0	-15.5	-59.8	254.6	27.4	27.4	7.7	314.8	314.9	0.0	1.0	24.7	77.
20.1	57.0	5883.2	488.0	-16.6	-60.5	254.9	27.8	28.8	7.8	314.9	315.0	0.0	1.0	25.2	77.
20.5	58.0	6007.3	480.0	-17.3	-60.9	255.2	31.3	30.3	8.0	315.6	315.6	0.0	1.0	26.1	77.
21.0	59.0	6133.0	472.0	-18.1	-61.4	255.0	31.6	30.5	8.2	315.1	316.1	0.0	1.0	27.1	77.
21.4	60.0	6244.4	455.0	-19.3	-62.2	254.9	31.7	30.6	8.3	315.9	316.0	0.0	1.0	27.7	77.
21.9	61.0	6373.2	457.0	-20.1	-62.7	254.1	32.7	31.5	9.0	316.5	316.5	0.0	1.0	28.7	77.
22.3	62.0	6487.4	450.0	-20.8	-63.2	253.4	34.1	32.7	9.8	317.0	317.1	0.0	1.0	29.5	77.
22.7	63.0	6619.7	442.0	-21.9	-63.9	253.2	35.5	33.9	10.3	317.3	317.4	0.0	1.0	30.3	77.
23.2	64.0	6737.0	435.0	-22.8	-64.5	253.7	36.5	35.0	10.3	317.6	317.6	0.0	1.0	31.5	76.
23.6	65.0	6855.8	428.0	-23.5	-64.9	254.0	36.7	35.3	10.1	318.2	318.2	0.0	1.0	32.4	76.
24.1	66.0	7010.9	419.0	-24.5	-65.6	253.5	37.0	35.5	10.5	318.8	318.8	0.0	1.0	33.4	76.
24.6	67.0	7133.3	412.0	-25.5	-66.2	252.7	39.0	36.3	11.3	319.1	319.2	0.0	1.0	34.6	76.
25.0	68.0	7257.4	405.0	-26.5	-66.9	252.4	37.0	37.1	11.8	319.3	319.5	0.0	1.0	35.4	76.
25.4	69.0	7393.1	398.0	-27.5	-67.1	252.4	38.4	36.8	11.7	319.7	319.9	0.1	5.9	36.5	74.
25.9	70.0	7510.4	391.0	-28.8	-67.3	252.9	36.7	35.1	10.8	319.6	319.9	0.1	7.3	37.4	74.
26.3	71.0	7676.7	382.0	-30.1	-67.9	253.0	35.3	33.7	10.3	320.0	320.3	0.1	8.6	38.5	76.
26.8	72.0	7789.1	376.0	-31.4	-68.7	253.5	35.3	33.5	11.2	319.7	320.1	0.1	12.8	39.4	76.
27.2	73.0	7921.9	369.0	-32.6	-69.7	249.2	36.4	34.1	12.9	319.8	320.2	0.1	16.0	40.2	76.
27.7	74.0	8037.2	363.0	-33.4	-70.3	246.4	36.9	33.8	14.4	320.3	321.1	0.2	37.2	41.5	76.
28.2	75.0	8173.8	356.0	-34.1	-70.3	244.6	37.4	34.9	15.4	321.9	322.3	0.3	52.6	42.6	75.
28.6	76.0	8292.7	350.0	-34.7	-70.4	243.3	34.2	30.6	15.4	321.9	323.1	0.3	61.8	43.4	75.
29.1	77.0	8433.3	343.0	-35.7	-70.3	240.8	35.5	31.0	17.3	322.5	323.6	0.3	62.0	44.2	75.
29.5	78.0	8555.9	337.0	-37.0	-70.3	239.8	38.5	33.0	19.9	322.5	323.4	0.3	65.2	45.1	74.
30.0	79.0	8679.9	331.0	-38.1	-71.0	239.2	43.0	37.3	23.1	322.5	323.6	0.3	73.2	46.2	74.
30.4	80.0	8805.7	325.0	-38.9	-71.0	239.1	47.7*	47.9	24.5	323.0	324.0	0.3	70.5	47.3	74.
30.9	81.0	8976.5	317.0	-39.6	-71.0	237.8	49.2*	42.5	24.7	324.4	325.3	0.3	67.0	48.9	73.
31.4	82.0	9107.0	311.0	-40.5	-71.0	239.0	45.9*	39.3	23.6	324.9	325.9	0.3	99.9	50.3	73.
31.7	83.0	9239.4	305.0	-41.8	-71.0	239.0	43.1*	36.5	22.9	325.0	326.0	0.3	99.9	51.2	73.
32.2	84.0	9373.6	299.0	-43.3	-71.0	237.2	40.7*	34.2	22.0	324.7	325.9	0.3	99.9	52.3	72.
32.7	85.0	9486.4	294.0	-44.6	-71.0	238.6	43.4*	37.0	22.6	324.4	325.9	0.3	99.9	53.2	72.
33.3	86.0	9671.4	286.0	-45.3	-71.0	243.7	49.4*	43.1	24.1	324.0	325.9	0.3	99.9	55.1	72.
33.9	87.0	9788.9	281.0	-46.0	-71.0	241.6	53.2*	46.8	25.3	324.6	326.0	0.3	99.9	56.7	71.
34.4	88.0	9932.1	275.0	-46.8	-71.0	242.6	54.7*	48.6	25.2	327.4	327.6	0.3	99.9	58.5	71.
34.9	89.0	10053.5	270.0	-47.9	-71.0	244.0	54.0*	48.5	23.7	327.6	328.0	0.3	99.9	60.0	71.
35.4	90.0	10201.4	264.0	-48.9	-71.0	244.5	51.6*	46.6	22.2	328.2	328.3	0.3	99.9	62.0	70.
36.0	91.0	10326.7	259.0	-50.1	-71.0	244.1	51.6*	46.4	22.5	328.3	329.1	0.3	99.9	63.0	70.
36.5	92.0	10479.5	253.0	-51.0	-71.0	244.2	53.7*	48.3	23.3	329.1	329.9	0.3	99.9	65.3	70.
37.1	93.0	10609.0	248.0	-52.5	-71.0	243.9	56.0*	50.3	24.6	328.7	329.9	0.3	99.9	67.0	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Fig. 2. (Continued)

STATION NO. 230  
CHARLESTON, SC  
5 FEBRUARY 1975  
2315 GMT

159 17. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	OH PCY	PAISF KM	AZ DG
1.7	94.0	10740.2	243.0	-53.8	99.9	242.7	58.10	51.6	21.6	323.7	999.9	99.9	999.9	69.0	70.
38.2	95.0	10873.5	238.0	-54.8	99.9	241.7	55.80	49.1	20.5	329.3	999.9	99.9	999.9	71.0	70.
39.0	96.0	11036.4	232.0	-55.7	99.9	240.4	51.10	44.5	20.3	330.2	999.9	99.9	999.9	71.4	69.
39.5	97.0	11174.7	227.0	-57.2	99.9	239.8	50.20	50.3	20.2	330.0	999.9	99.9	999.9	74.3	69.
40.0	98.0	11315.2	222.0	-58.4	99.9	239.0	62.70	53.7	33.5	330.3	999.9	99.9	999.9	77.0	69.
40.5	99.0	11458.2	217.0	-59.3	99.9	237.4	55.90	47.1	30.2	331.1	999.9	99.9	999.9	78.8	69.
41.2	100.0	11574.4	213.0	-60.5	99.9	236.1	44.40	36.8	24.8	331.0	999.9	99.9	999.9	80.6	68.
42.0	101.0	11751.9	207.0	-61.4	99.9	234.9	42.40	35.1	25.6	332.7	999.9	99.9	999.9	84.1	68.
42.6	102.0	11904.0	202.0	-60.4	99.9	241.4	62.80	55.1	30.1	336.2	999.9	99.9	999.9	84.1	68.
43.1	103.0	12028.5	198.0	-60.9	99.9	242.4	65.50	58.1	30.4	337.3	999.9	99.9	999.9	86.8	68.
43.7	104.0	12187.9	193.0	-59.8	99.9	243.4	53.60	47.9	24.0	341.5	999.9	99.9	999.9	89.2	68.
44.3	105.0	12319.6	189.0	-57.2	99.9	245.7	50.40	45.0	20.7	347.7	999.9	99.9	999.9	93.1	68.
45.0	106.0	12455.4	185.0	-55.6	99.9	247.5	71.20	65.8	21.3	352.5	999.9	99.9	999.9	92.9	68.
45.6	107.0	12594.4	181.0	-56.4	99.9	247.9	75.90	70.3	28.6	353.4	999.9	99.9	999.9	91.6	68.
46.2	108.0	12772.3	176.0	-56.4	99.9	249.4	59.70	55.7	21.0	350.3	999.9	99.9	999.9	94.8	68.
46.9	109.0	12918.3	172.0	-56.2	99.9	252.9	49.30	47.1	14.5	359.9	999.9	99.9	999.9	99.9	68.
47.6	110.0	13067.8	168.0	-56.1	99.9	254.4	50.70	48.9	13.6	361.6	999.9	99.9	999.9	102.6	68.
48.3	111.0	13220.8	164.0	-56.9	99.9	253.8	61.40	59.0	17.1	362.7	999.9	99.9	999.9	104.0	68.
49.0	112.0	13376.9	160.0	-57.7	99.9	252.6	87.60	87.6	27.5	363.8	999.9	99.9	999.9	107.4	68.
49.7	113.0	13536.3	156.0	-58.6	99.9	253.0	86.10	82.3	25.2	365.0	999.9	99.9	999.9	112.3	68.
50.3	114.0	13699.3	152.0	-59.1	99.9	253.5	67.40	64.6	19.2	364.9	999.9	99.9	999.9	114.4	68.
50.9	115.0	13866.3	148.0	-59.6	99.9	254.3	59.70	56.3	15.9	364.8	999.9	99.9	999.9	116.9	68.
51.8	116.0	14037.3	144.0	-60.7	99.9	253.8	59.70	56.4	16.4	369.8	999.9	99.9	999.9	119.7	69.
52.3	117.0	14168.0	141.0	-61.6	99.9	251.1	57.70	54.8	19.7	370.4	999.9	99.9	999.9	121.4	69.
52.9	118.0	14346.2	137.0	-61.8	99.9	246.7	51.60	47.3	22.4	373.2	999.9	99.9	999.9	124.2	69.
53.3	119.0	14483.1	134.0	-62.5	99.9	243.4	44.20	43.1	21.6	374.2	999.9	99.9	999.9	124.5	69.
53.9	120.0	14669.6	130.0	-63.5	99.9	230.0	43.40	36.8	23.0	375.8	999.9	99.9	999.9	126.6	69.
54.7	121.0	14812.8	127.0	-63.9	99.9	229.6	32.20	24.5	23.9	372.6	999.9	99.9	999.9	128.2	68.
55.4	122.0	14958.8	124.0	-65.4	99.9	233.5	48.70	39.1	29.0	377.4	999.9	99.9	999.9	128.0	68.
56.1	123.0	15159.1	120.0	-66.0	99.9	236.8	61.30	51.3	31.6	379.8	999.9	99.9	999.9	132.7	68.
56.8	124.0	15311.5	117.0	-66.4	99.9	233.5	49.10	42.5	23.0	381.9	999.9	99.9	999.9	134.1	68.
57.4	125.0	15468.7	114.0	-66.6	99.9	242.5	50.90	45.1	23.4	383.3	999.9	99.9	999.9	135.3	68.
58.2	126.0	15684.4	110.0	-67.5	99.9	245.9	32.60	29.8	13.3	396.7	999.9	99.9	999.9	138.9	68.
58.9	127.0	15794.6	108.0	-68.7	99.9	249.0	20.90	19.3	7.8	386.3	999.9	99.9	999.9	138.3	68.
59.6	128.0	15922.8	105.0	-69.8	99.9	249.4	48.70	45.6	17.1	347.4	999.9	99.9	999.9	139.7	68.
60.2	129.0	16135.1	102.0	-70.7	99.9	250.1	60.00	56.4	20.4	348.9	999.9	99.9	999.9	142.5	68.
60.9	130.0	16312.0	99.0	-71.0	99.9	249.6	43.50	38.0	14.2	341.8	999.9	99.9	999.9	145.7	68.
61.8	131.0	16556.5	95.0	-70.5	99.9	247.6	22.90	20.4	10.6	337.3	999.9	99.9	999.9	145.9	68.
62.5	132.0	16682.5	93.0	-71.4	99.9	242.7	31.00	27.4	14.3	357.9	999.9	99.9	999.9	147.0	68.
63.1	133.0	16876.1	90.0	-71.9	99.9	245.4	29.40	26.7	12.2	400.8	999.9	99.9	999.9	148.5	68.
63.7	134.0	17076.4	87.0	-71.0	99.9	247.3	30.70	28.3	11.8	406.5	999.9	99.9	999.9	149.2	68.
64.3	135.0	17213.7	85.0	-72.3	99.9	247.4	41.90	38.6	16.1	408.4	999.9	99.9	999.9	150.4	68.
65.1	136.0	17424.8	82.0	-72.8	99.9	245.3	42.20	38.4	17.6	409.6	999.9	99.9	999.9	152.9	68.
65.9	137.0	17644.0	79.0	-71.9	99.9	242.9	35.10	31.2	16.0	410.0	999.9	99.9	999.9	154.6	68.
66.8	138.0	17872.0	76.0	-72.3	99.9	246.3	33.40	30.6	13.4	419.6	999.9	99.9	999.9	156.4	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Fig. 2. (Continued)

STATION: 208  
CHARLOTTE, SC

5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	MFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	Y T DG K	E POT T DG K	WX RTN GM/KG	RH PCT	RANGE KM	AZ DG
67.7	139.0	18108.3	73.0	-73.3	99.9	248.9	29.8**	27.8	10.7	422.5	999.9	99.9	955.9	158.2	67.
68.6	150.0	18270.7	71.0	-73.8	99.9	254.0	30.6**	29.4	9.4	424.8	999.9	99.9	999.9	159.5	68.
69.6	151.0	18525.4	68.0	-69.6	99.9	253.3	42.1**	40.4	12.1	439.1	999.9	99.9	999.9	161.7	68.
70.2	152.0	18794.5	65.0	-69.6	99.9	251.5	38.1**	36.2	12.1	444.8	999.9	99.9	999.9	163.5	68.
71.1	153.0	19076.0	62.0	-65.8	99.9	249.9	10.9**	10.2	3.9	450.4	999.9	99.9	999.9	165.3	68.
72.1	154.0	19271.9	60.0	-68.5	99.9	249.1	21.3**	19.9	7.6	457.6	999.9	99.9	999.9	165.2	68.
73.2	155.0	19581.0	57.0	-66.4	99.9	254.6	32.1**	31.0	9.5	460.1	999.9	99.9	999.9	167.4	68.
74.2	156.0	19757.3	55.0	-66.4	99.9	257.1	26.4**	25.7	5.9	473.9	999.9	99.9	999.9	169.2	68.
75.3	157.0	20135.7	52.0	-67.9	99.9	54.7	14.2**	-11.6	-8.2	478.2	999.9	99.9	999.9	170.2	68.
76.6	158.0	20371.8	50.0	-67.5	99.9	50.8	10.5**	-8.1	-6.7	484.5	999.9	99.9	999.9	168.5	68.
77.8	159.0	20617.7	48.0	-67.5	99.9	253.1	24.4**	23.7	7.2	490.2	999.9	99.9	999.9	168.6	68.
79.1	150.0	21008.5	45.0	-65.4	99.9	249.3	29.0**	27.1	10.2	504.3	999.9	99.9	999.9	171.3	68.
80.6	151.0	21284.6	43.0	-66.2	99.9	295.8	11.5*	10.4	-5.0	508.9	999.9	99.9	999.9	173.1	68.
81.9	152.0	21724.6	40.0	-64.4	99.9	351.5	10.0*	1.6	-9.9	523.5	999.9	99.9	999.9	174.3	68.
83.4	153.0	22037.7	38.0	-64.8	99.9	7.5	6.5*	-1.1	-6.4	530.8	999.9	99.9	999.9	172.2	69.
85.1	154.0	22367.2	36.0	-65.4	99.9	258.4	18.6**	18.2	3.7	537.5	999.9	99.9	999.9	172.4	69.
87.0	155.0	22898.4	33.0	-64.1	99.9	249.5	24.3**	26.5	9.9	554.7	999.9	99.9	999.9	176.1	69.
88.8	156.0	23281.0	31.0	-64.4	99.9	259.9	25.8**	25.4	4.5	563.7	999.9	99.9	999.9	178.7	69.
90.6	157.0	23689.4	29.0	-63.7	99.9	263.7	17.9**	17.7	2.9	576.7	999.9	99.9	999.9	181.6	69.
92.7	158.0	24360.7	26.0	-62.9	99.9	249.5	28.8**	27.0	10.1	597.1	999.9	99.9	999.9	183.9	69.
95.0	159.0	24854.9	24.0	-61.8	99.9	252.5	30.0**	28.6	9.0	614.2	999.9	99.9	999.9	187.7	69.
97.6	160.0	25682.0	21.0	-61.6	99.9	252.2	31.0**	29.5	9.5	638.6	999.9	99.9	999.9	192.8	69.
100.2	161.0	26302.9	19.0	-61.1	99.9	265.4	26.8**	26.7	2.1	658.9	999.9	99.9	999.9	196.9	70.
103.3	162.0	26994.5	17.0	-60.7	99.9	999.9	99.9	99.9	99.9	691.3	999.9	99.9	999.9	999.9	999.9

Fig. 2. (Continued)

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OF POOR QUALITY

Table 3

Explanation of Column Headings of Tabulated Sounding Data  
for the AVE III Experiment

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TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX R <sub>20</sub> (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

tape from the George C. Marshall Space Flight Center, Aerospace Environment Division, Space Sciences Laboratory, Marshall Space Flight Center, Alabama 35812.

The contact data interpolated for 25-mb intervals are presented following Section V. The column headings are identical to those used for the contact data and are described in Table 3. The soundings are arranged by time and appear in ascending order by station number for each time. The first line of data indicates the surface report which is followed by data from 1000 to 25 mb. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminates before the 25-mb level is reached.

Table 4

List of Missing Soundings in the AVE III Experiment

Soundings were not computed at the following stations and time for the stated reasons. Soundings are available at the other stations for each of the 9-time periods.

<u>Station</u>	<u>Date/Time</u>	<u>Reason for Omission</u>
226, Centerville	06/0600	Sounding not taken.
451, Dodge City	07/0000	Sonde severely jarred at release.

V. Synoptic Charts

Synoptic charts for the surface and the 850-, 700-, 500-, 400-, 300-, and 200-mb levels for each observation time are presented in Figs. 3-11. These charts depict the overall synoptic situation during

the observational period and should be reanalyzed when accuracy is a key factor in a study. The charts indicate interesting features which occurred at periods less than 12 hours.

#### Acknowledgements

The tasks of processing the AVE III data and preparing this report required the efforts of approximately 20 people. The work is often tedious and yet must be performed with great care and speed. The authors are grateful to every person who worked diligently behind the scenes to accomplish this important task.

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- Scoggins, J. R. and R. E. Turner, 1974: Data for NASA's AVE II Pilot Experiment, Part I: 25-mb Sounding Data and Synoptic Charts. NASA Technical Memorandum TM X-64877. Marshall Space Flight Center, Alabama, 534 pp.



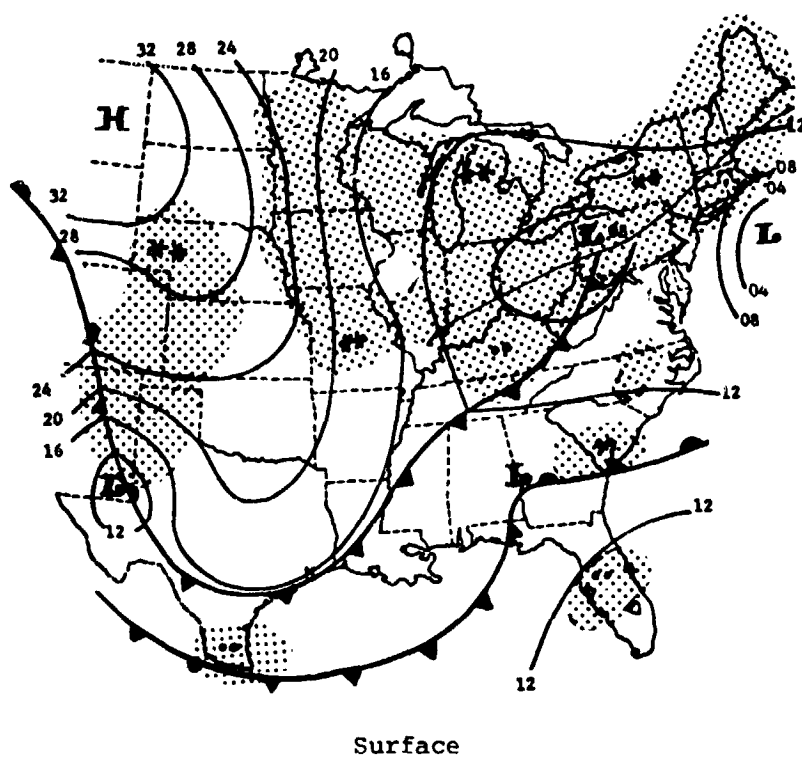
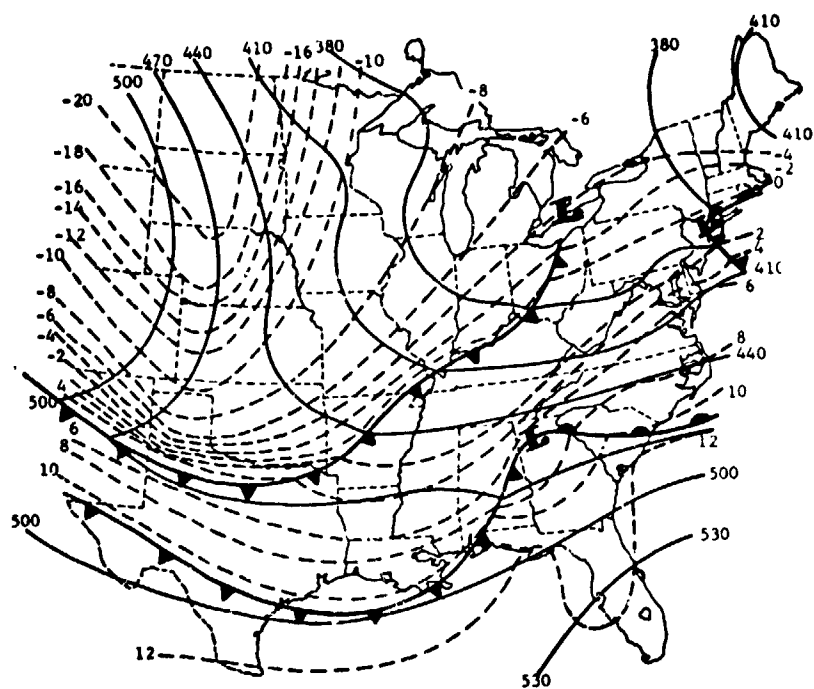
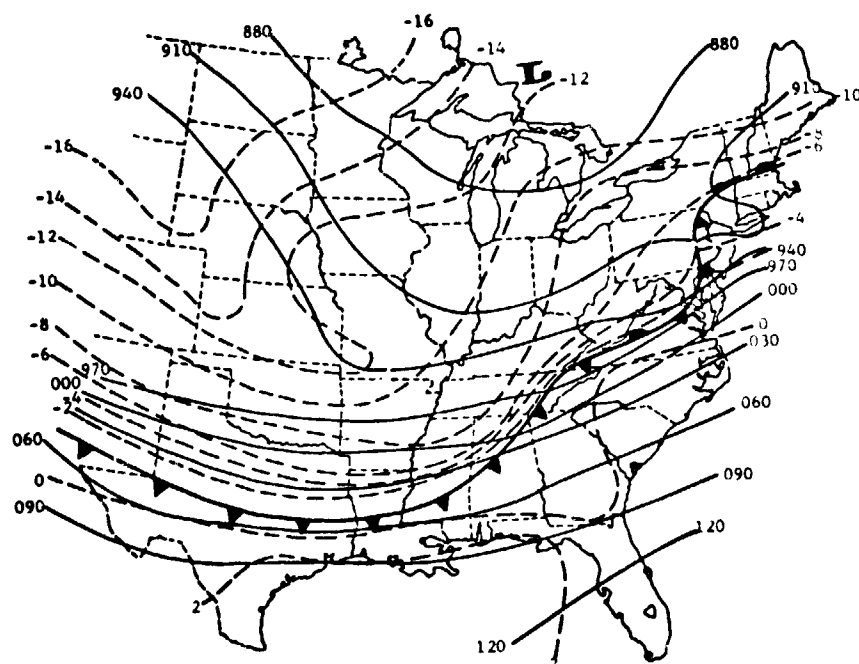


Fig. 3. Synoptic charts for 00 GMT, 6 February 1975.

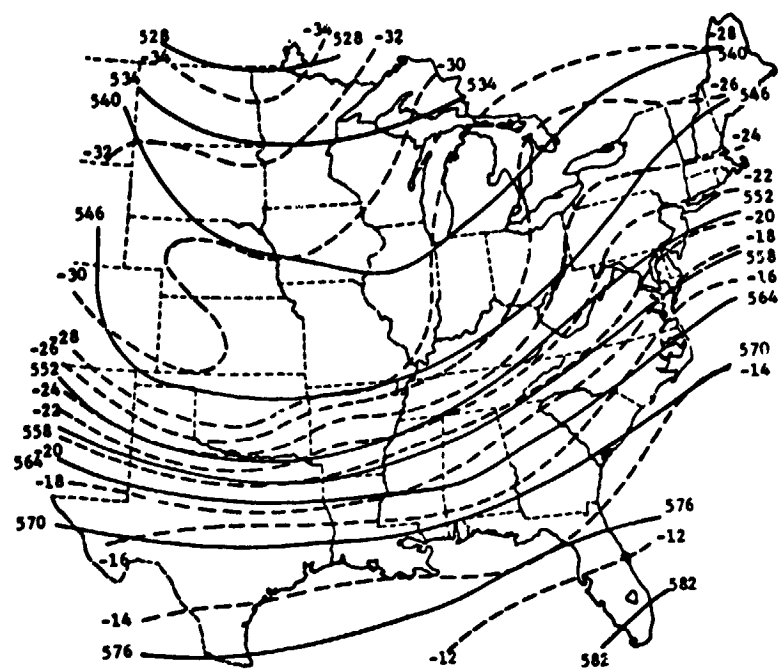


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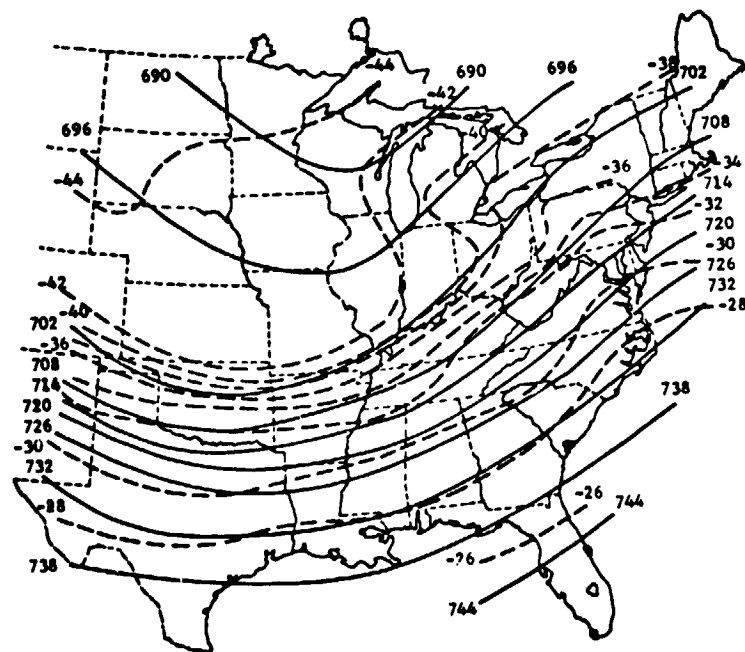


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FIG. 3. (Continued)

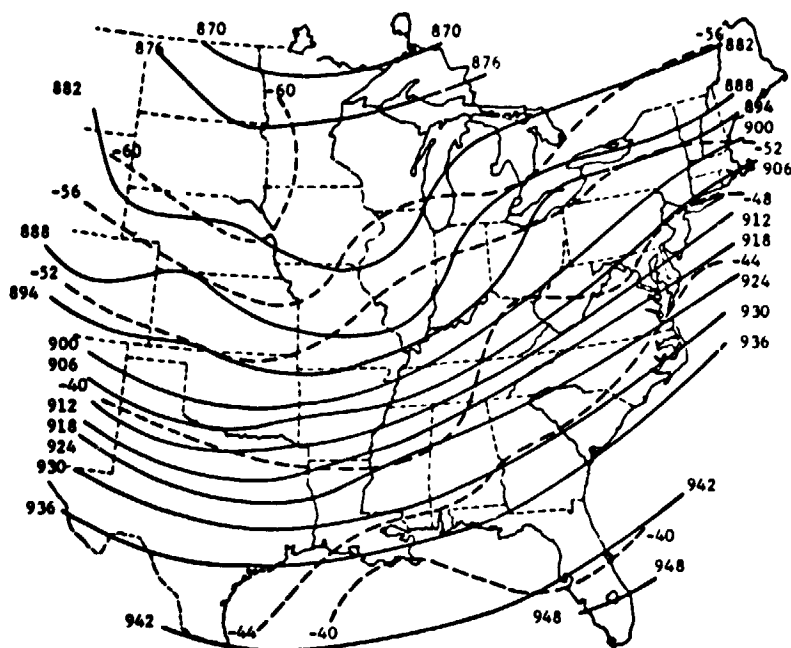


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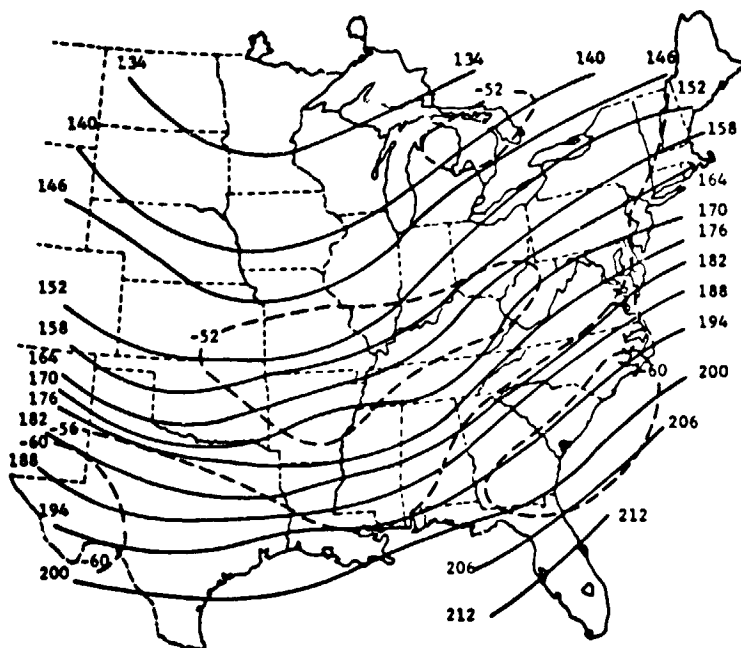


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FIG. 3. (Continued)



300 mb



200 mb

FIG. 3. (Continued)

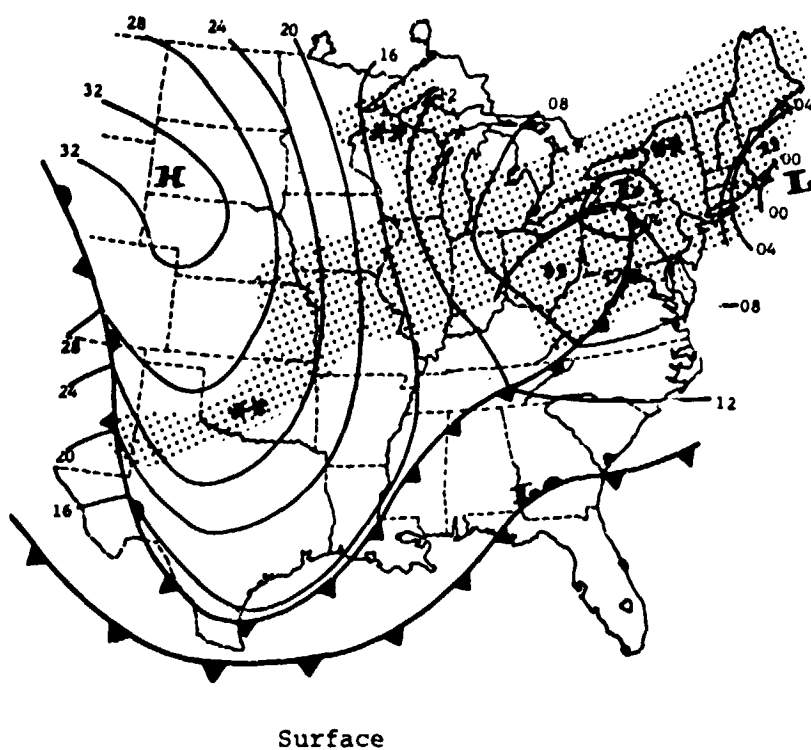
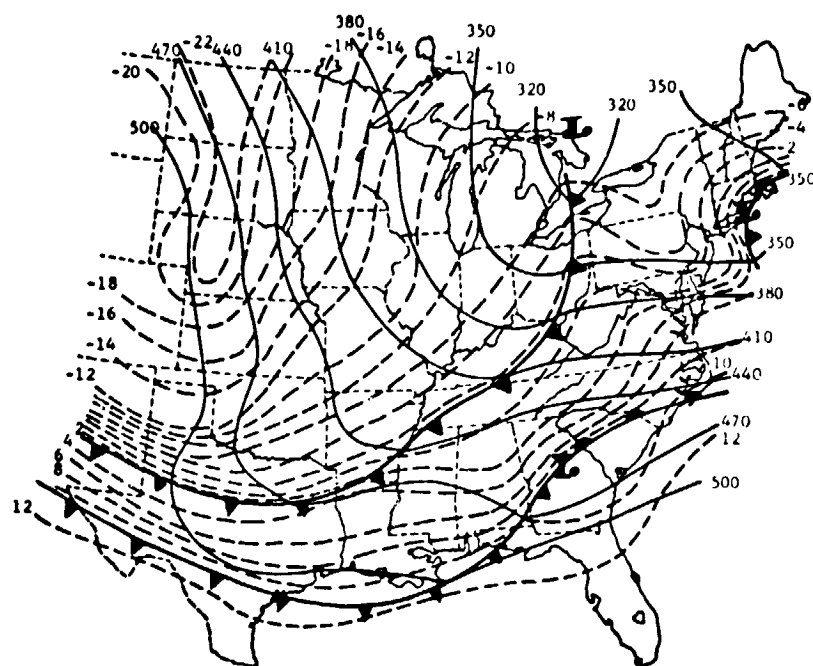
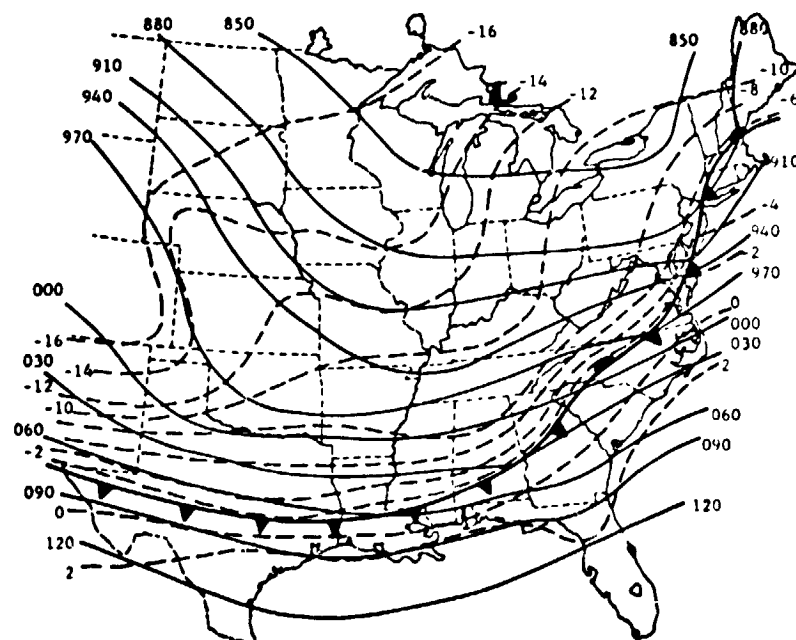


Fig. 4. Synoptic charts for 06 GMT, 6 February 1975.

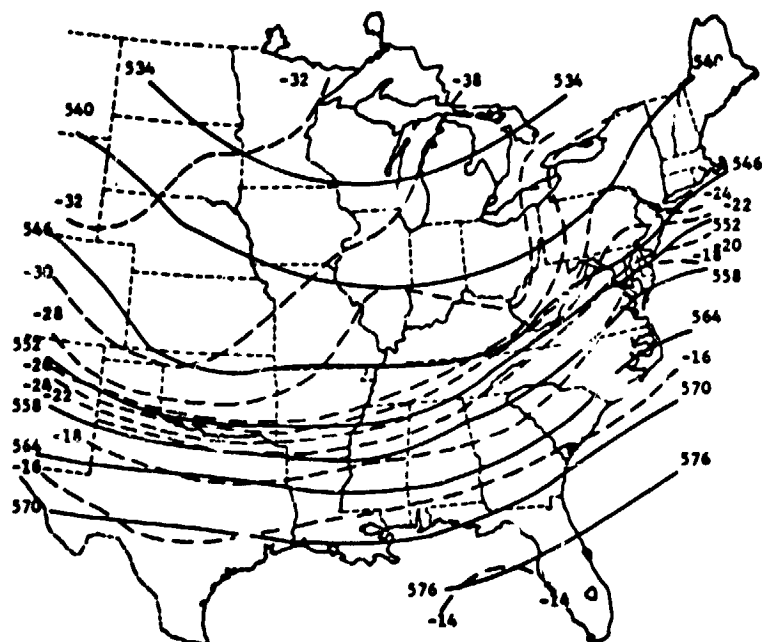


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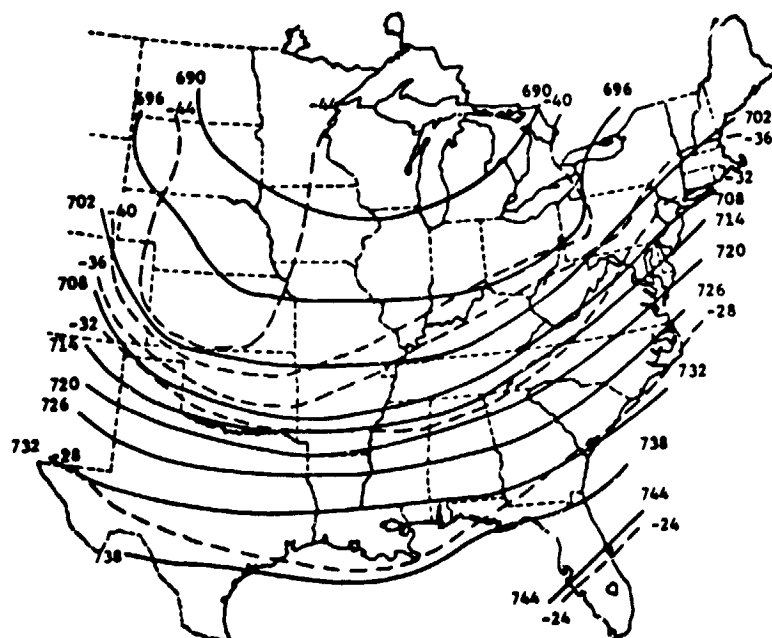


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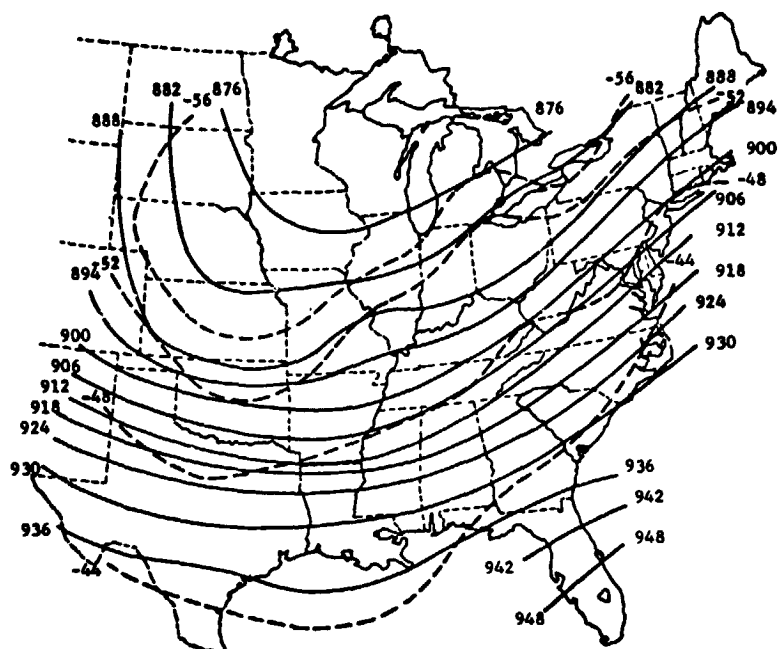


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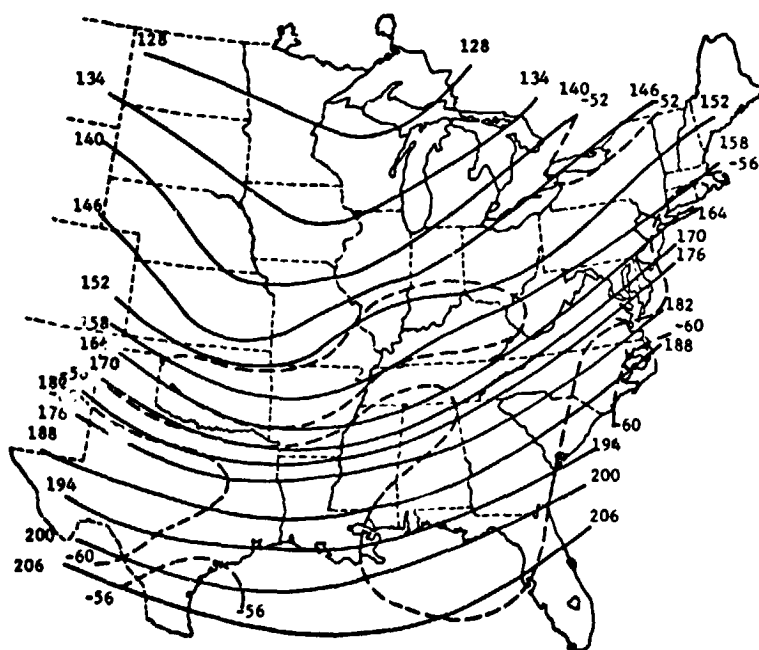


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FIG. 4. (Continued)



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Fig. 4. (Continued)



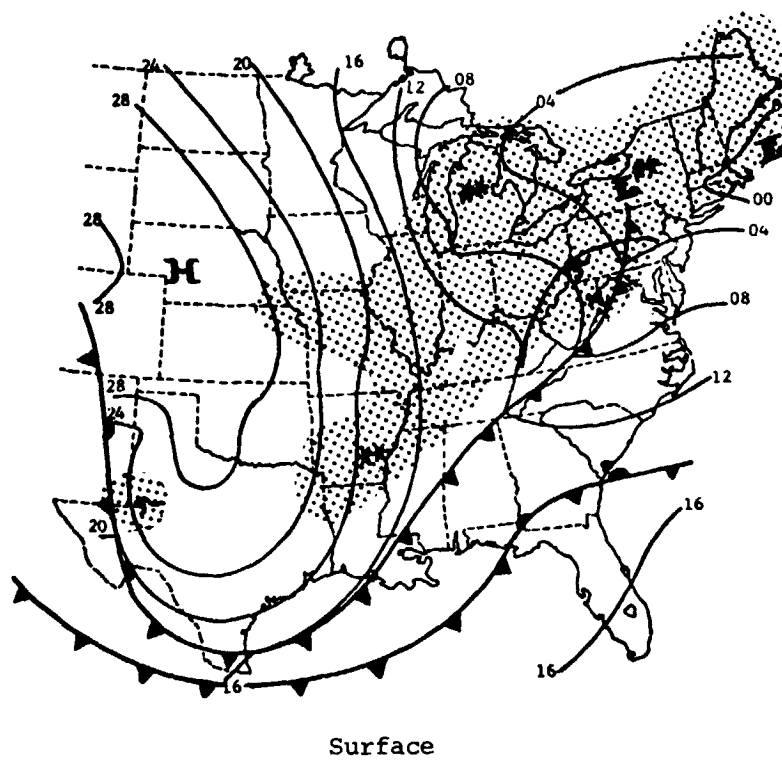
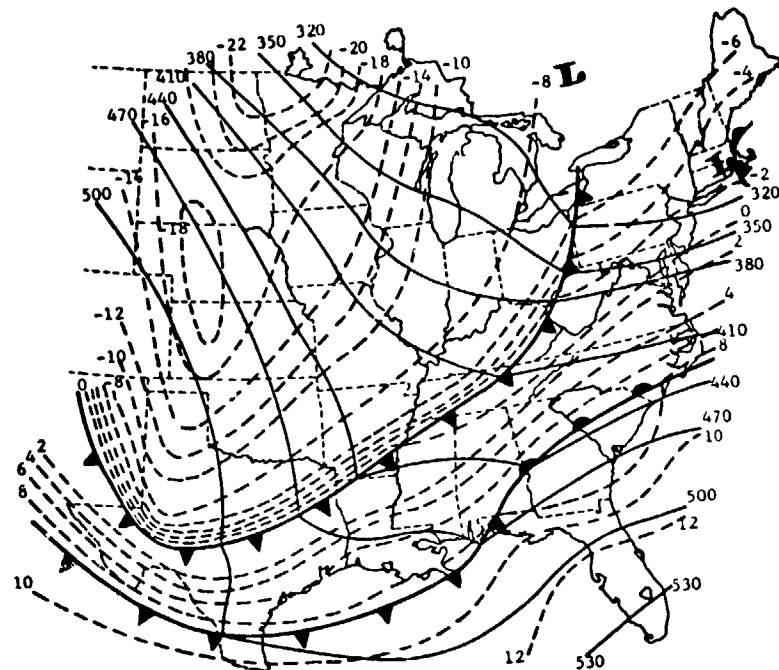
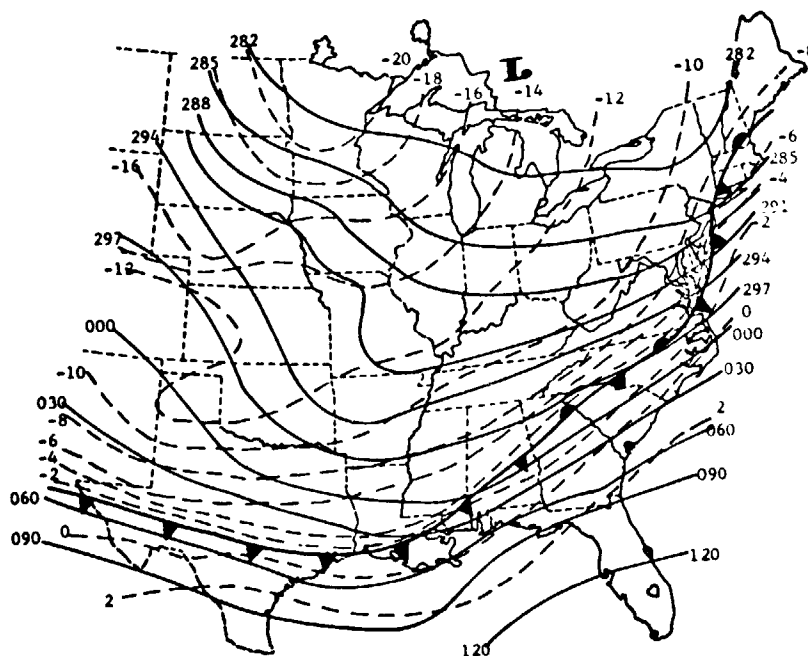


Fig. 5. Synoptic charts for 12 GMT, 6 February 1975.

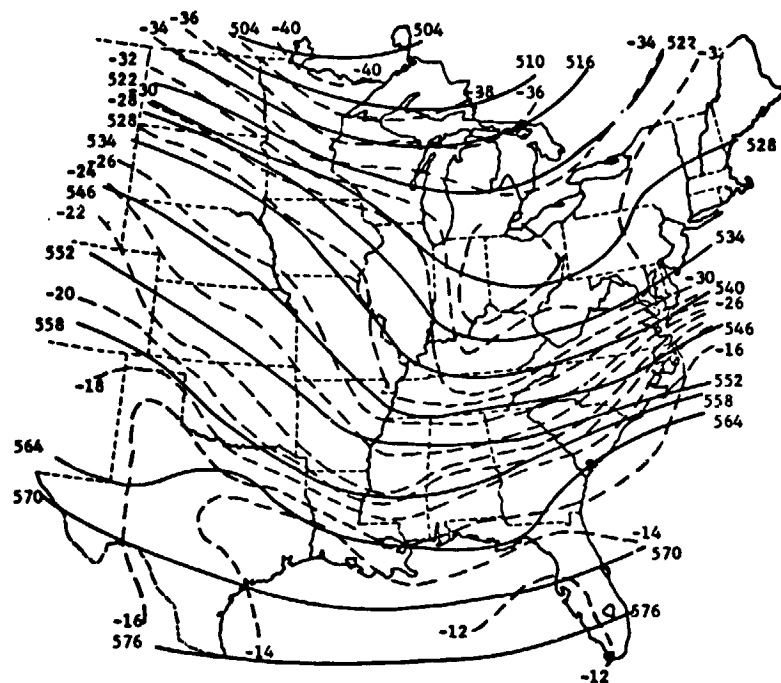


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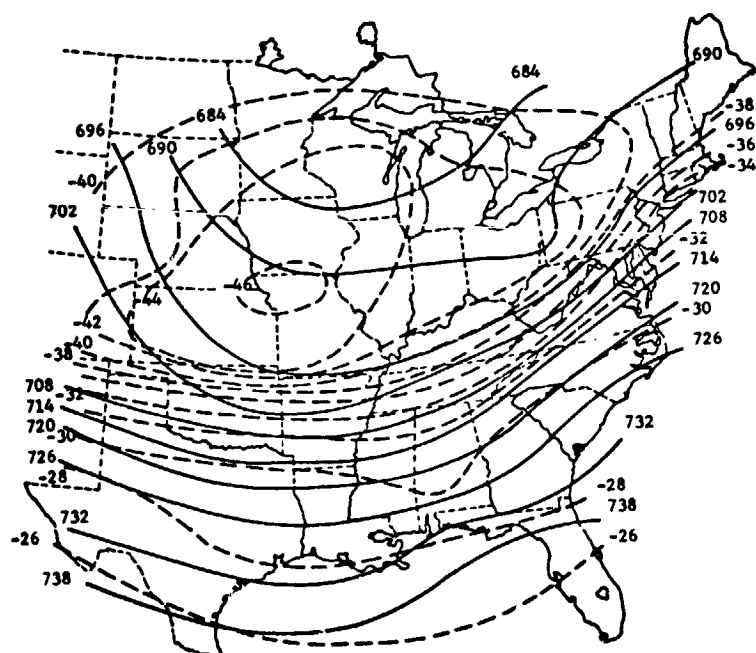


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400 mb

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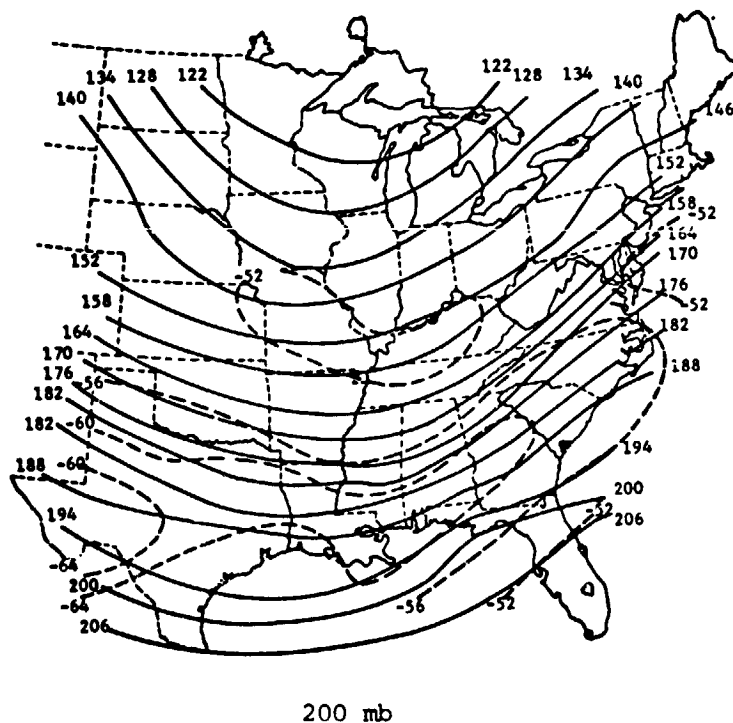
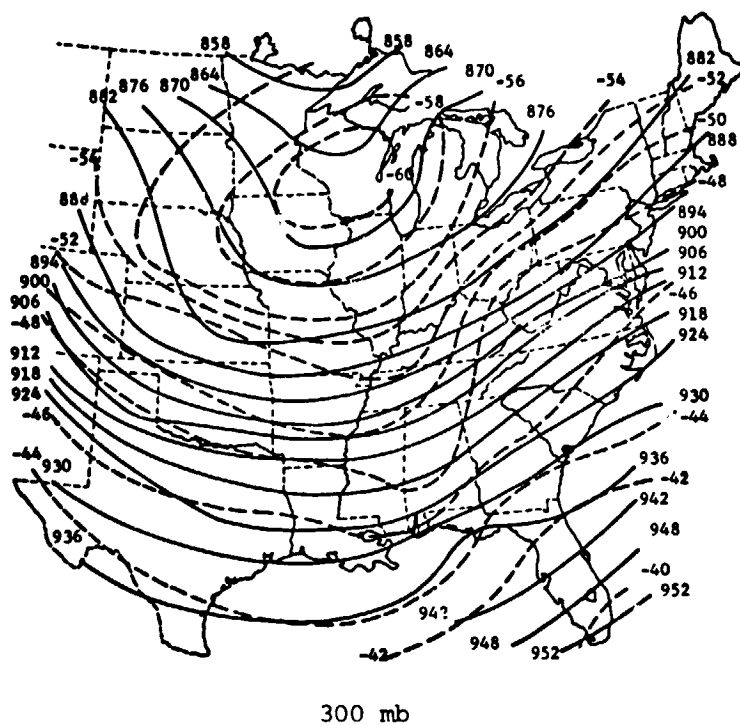


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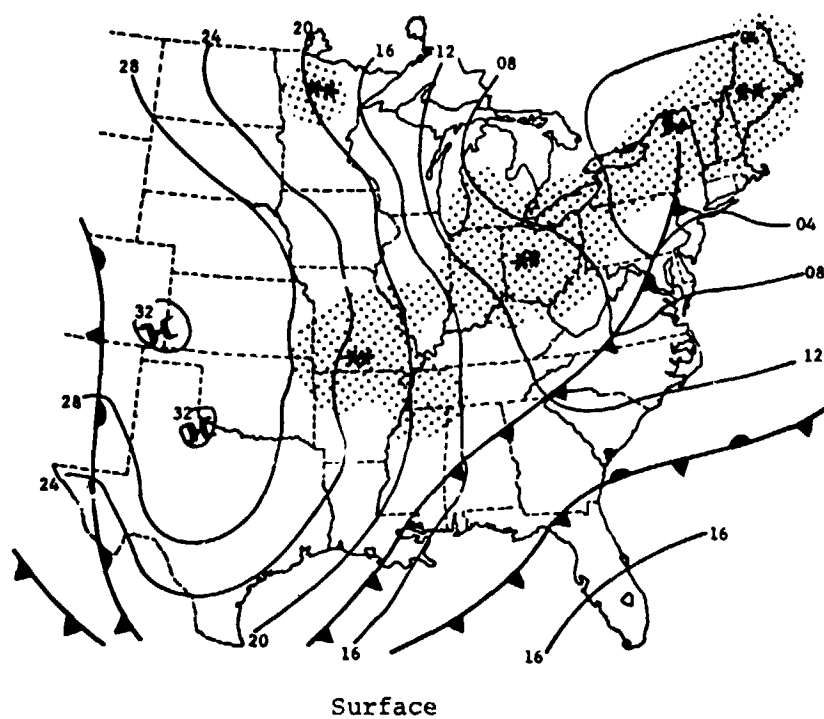
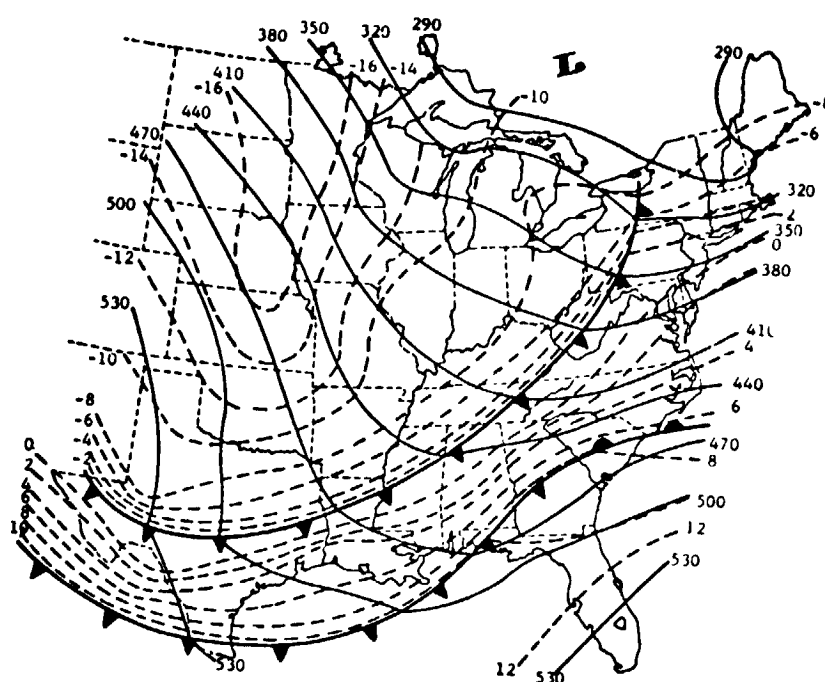
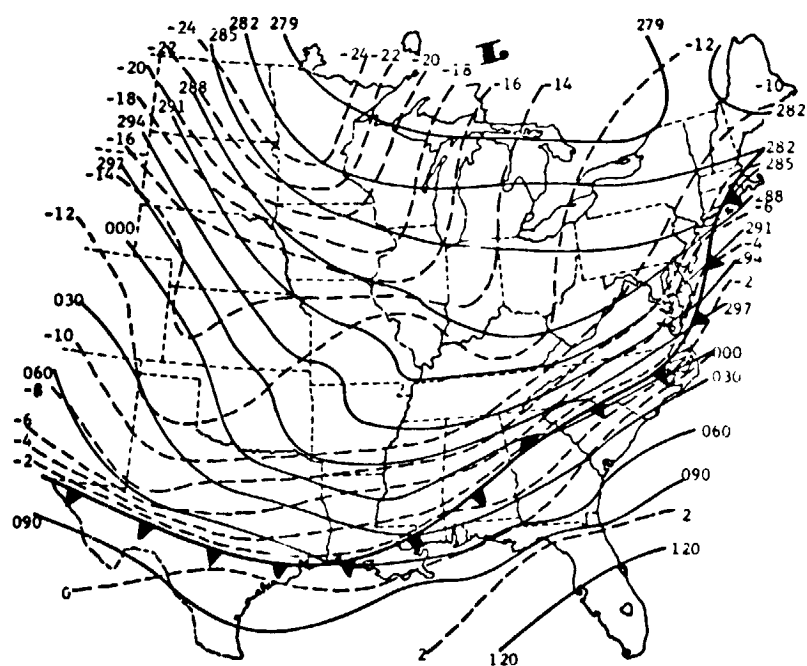


Fig. 6. Synoptic charts for 15 GMT, 6 February 1975.



850 mb



700 mb

Fig. 6. (Continued)

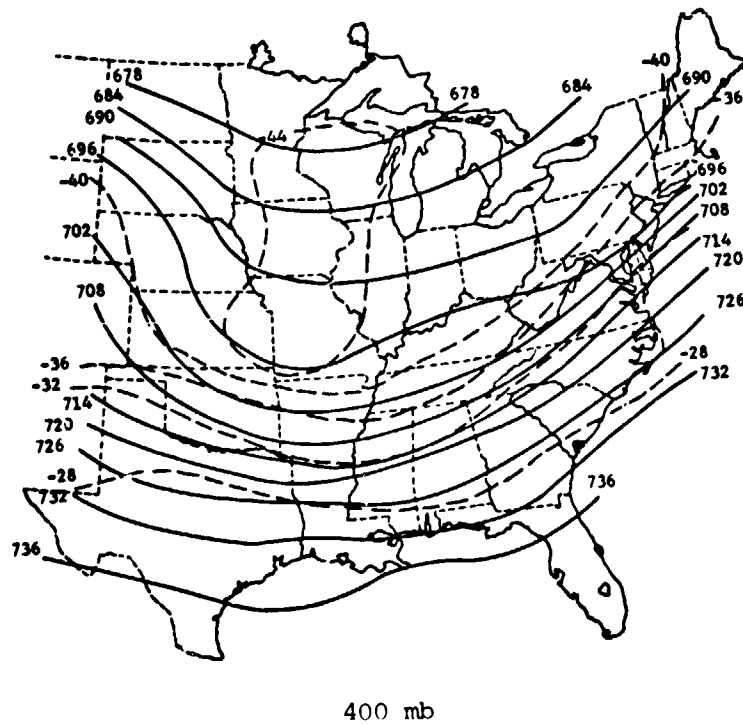
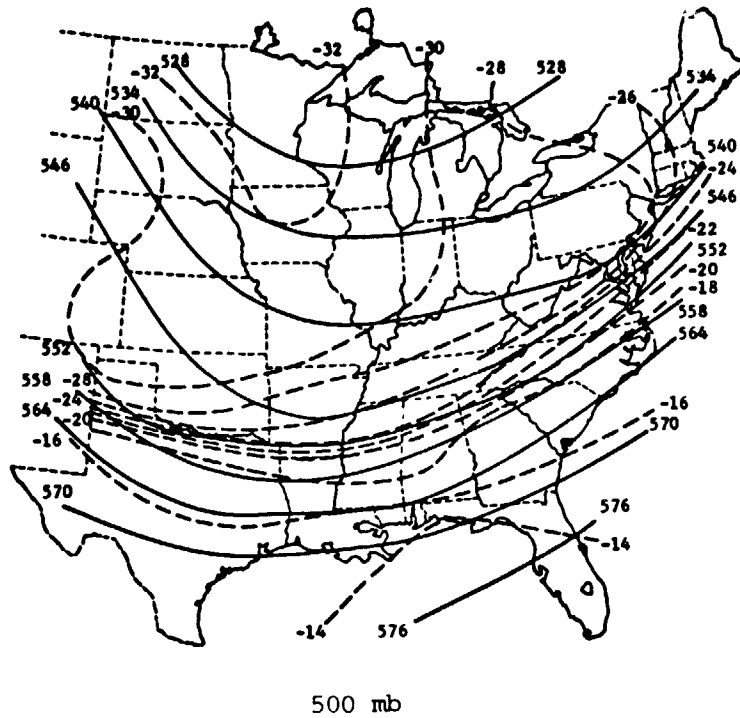
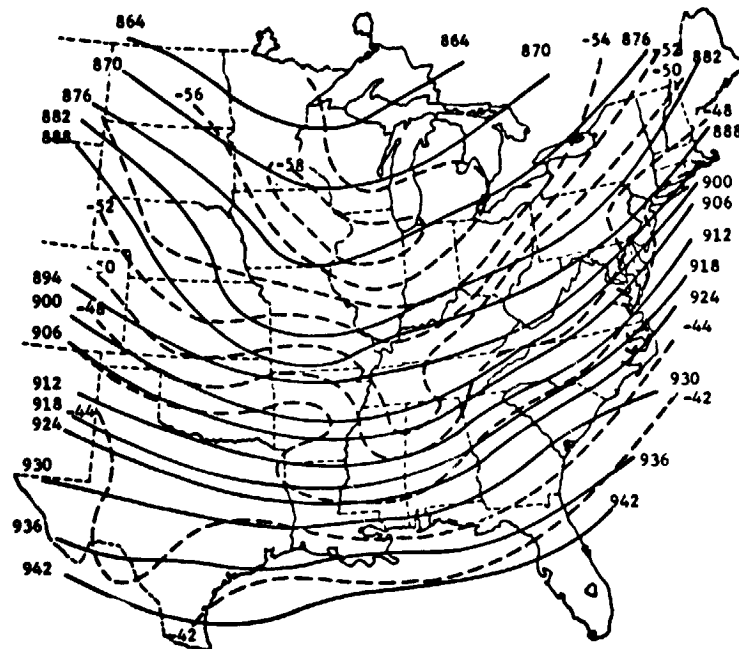
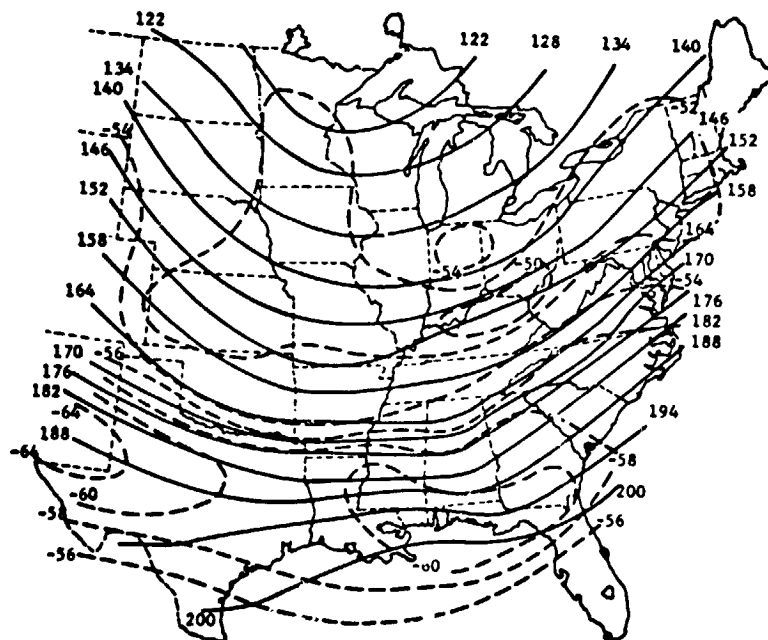


Fig. 6. (Continued)



300 mb



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FIG. 6. (Continued)



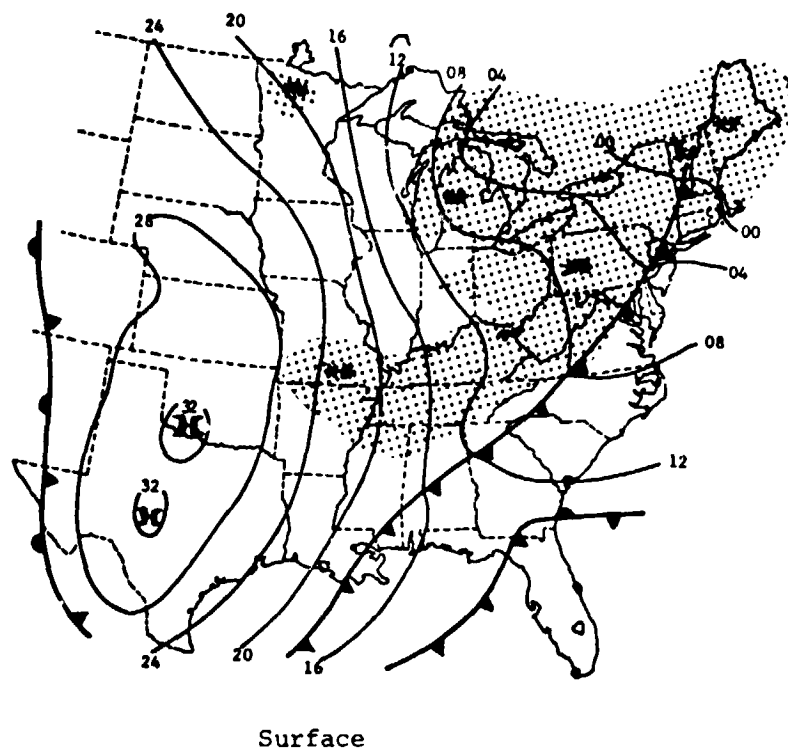


Fig. 7. Synoptic charts for 18 GMT, 6 February 1975.

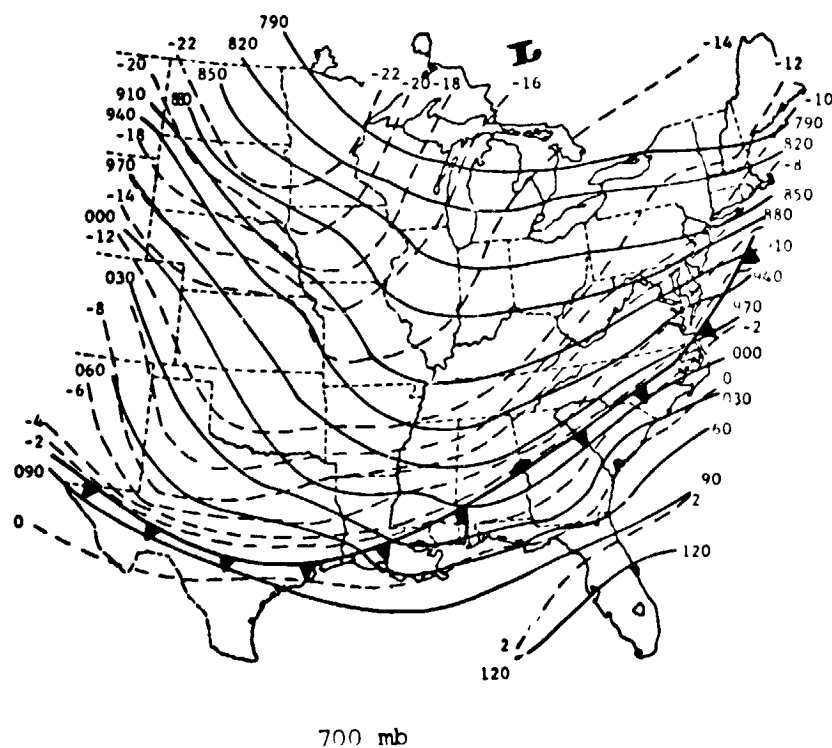
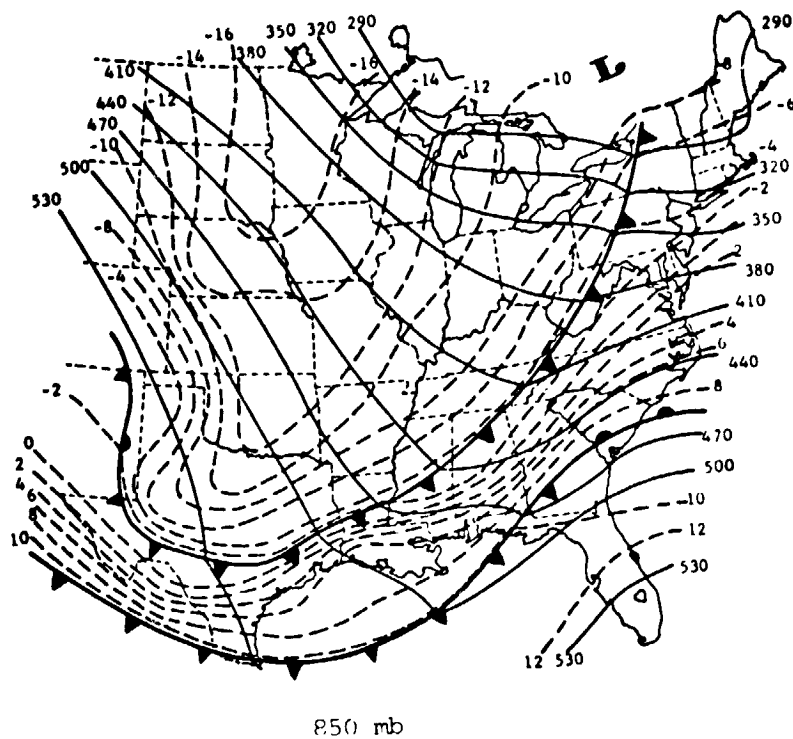
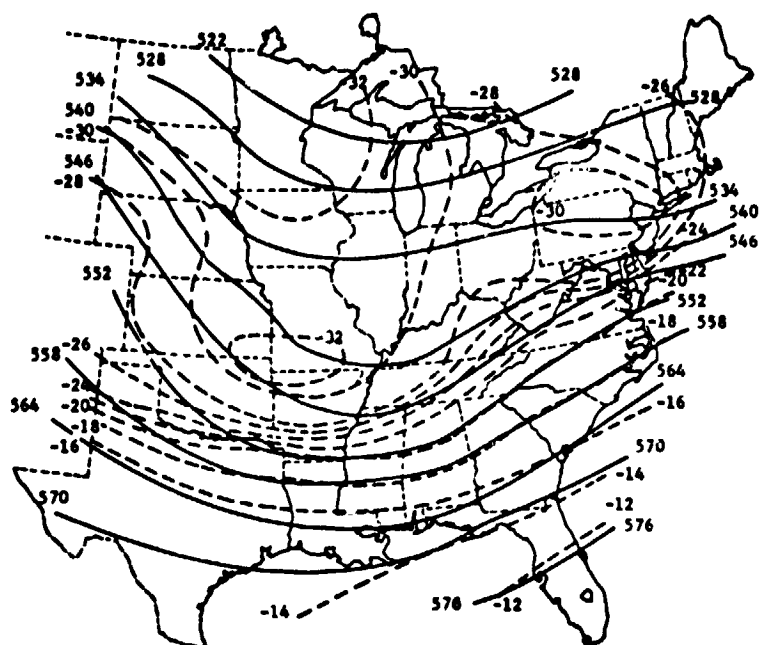
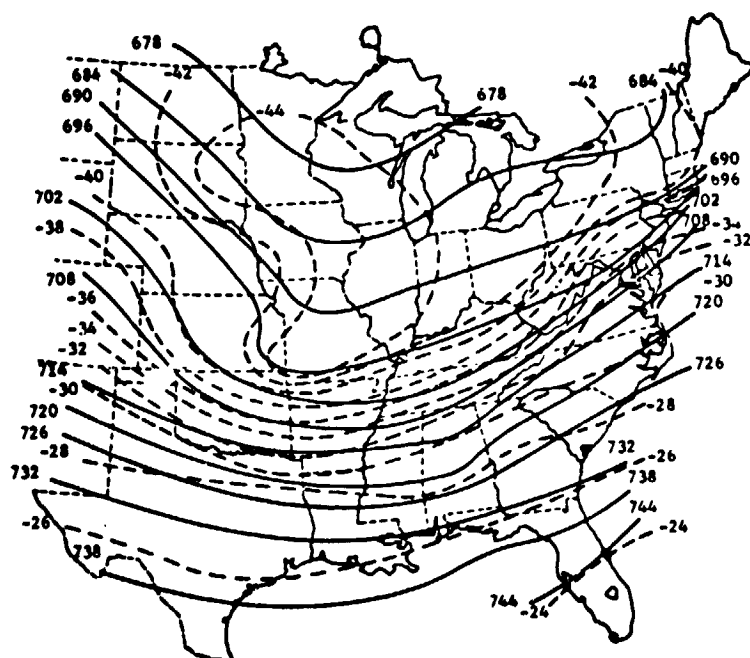


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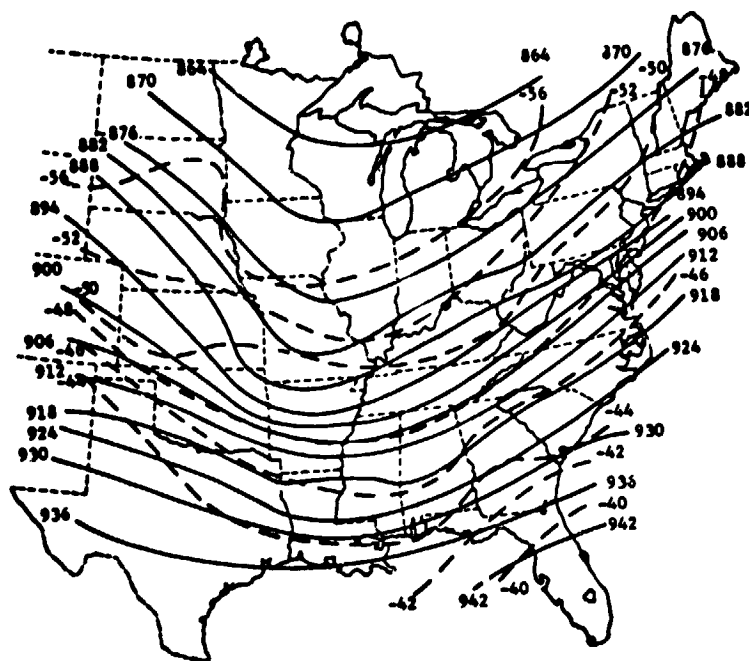


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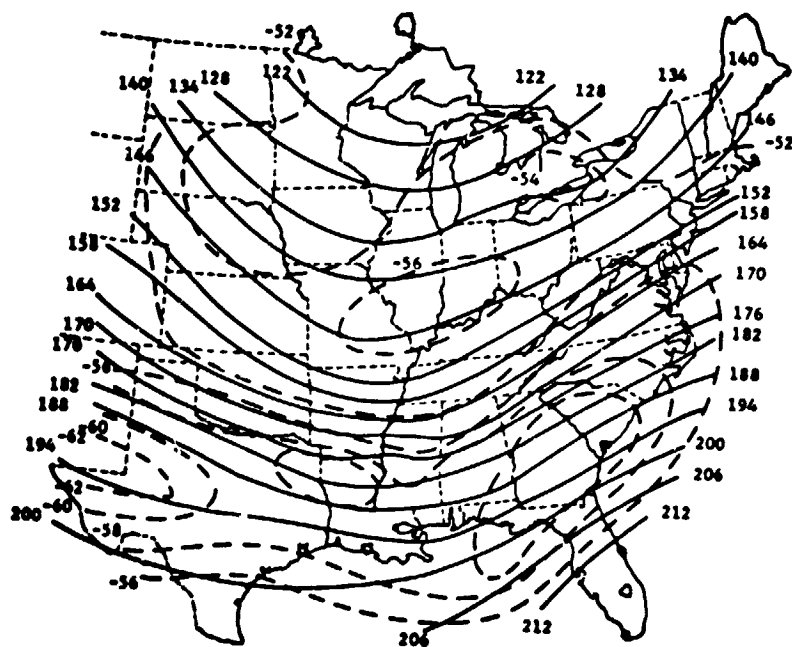


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FIG. 7. (Continued)



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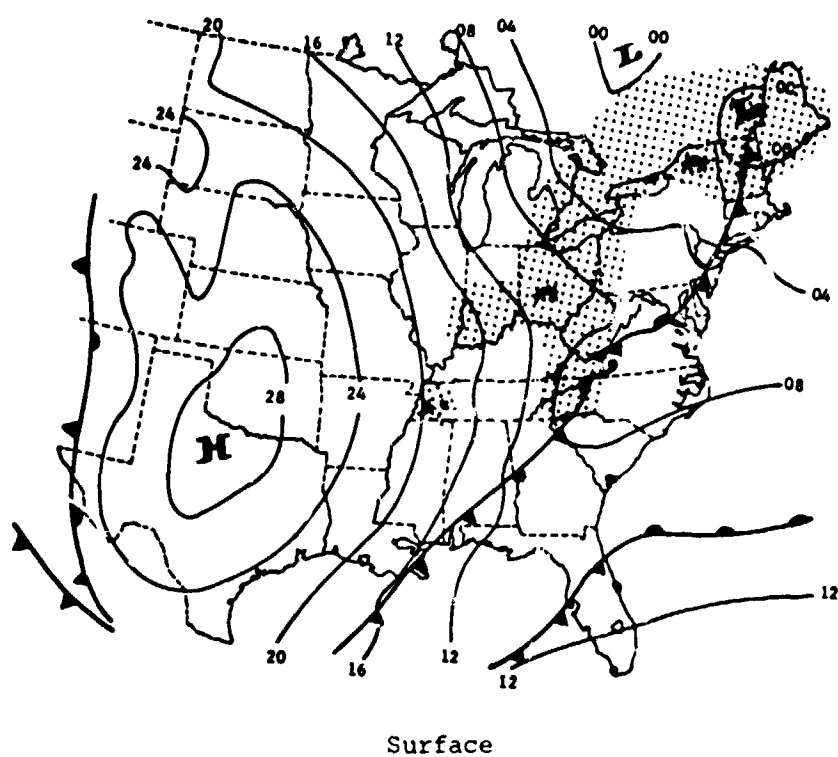
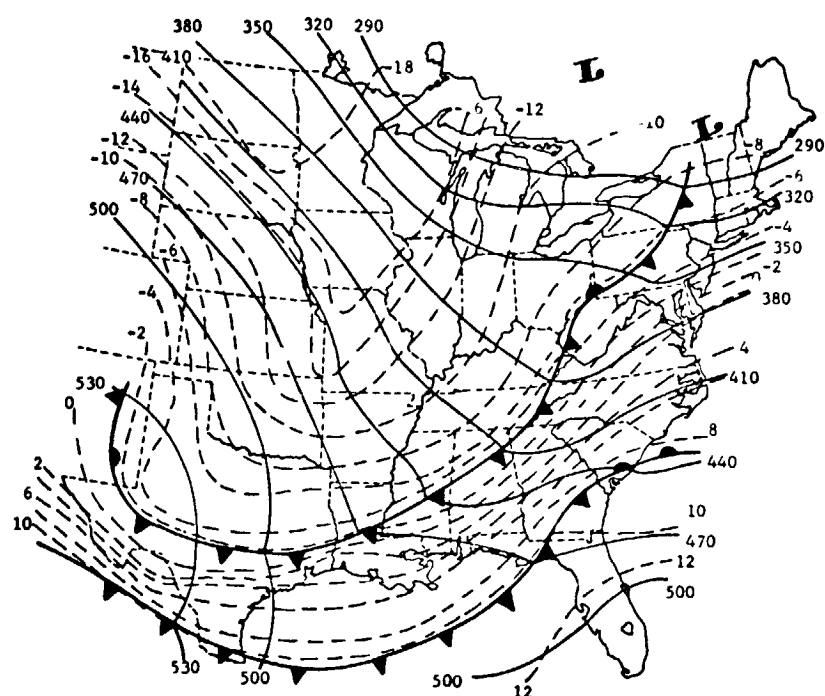
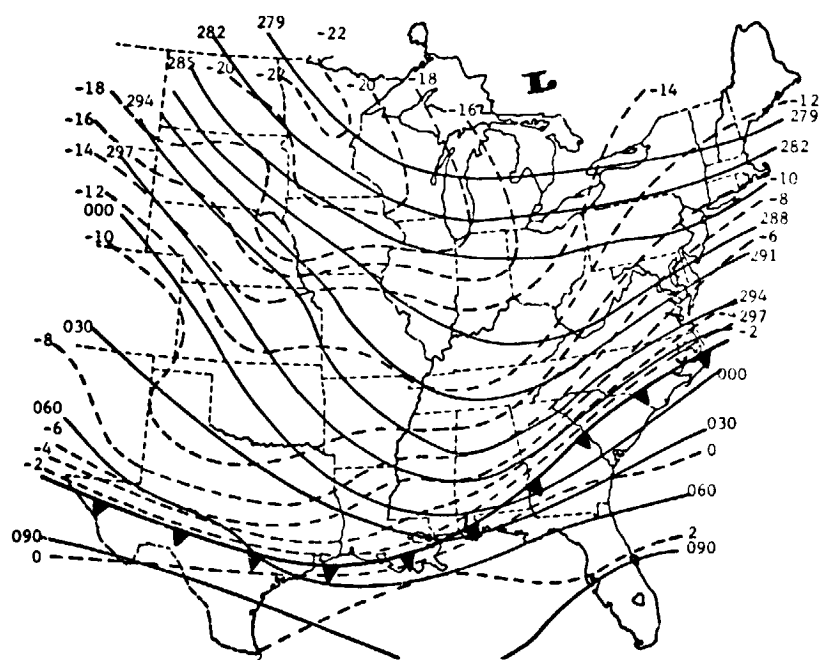


FIG. 8. Synoptic charts for 21 GMT, 6 February 1975.

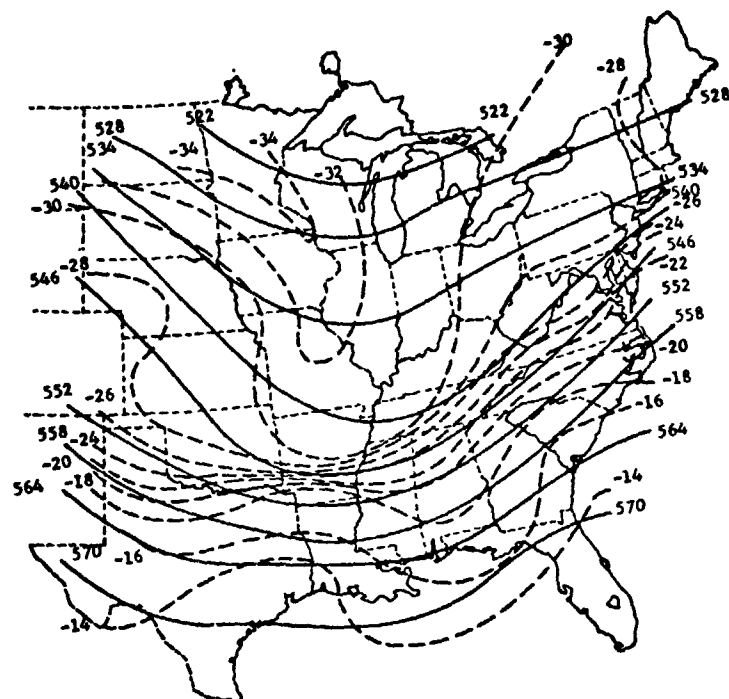


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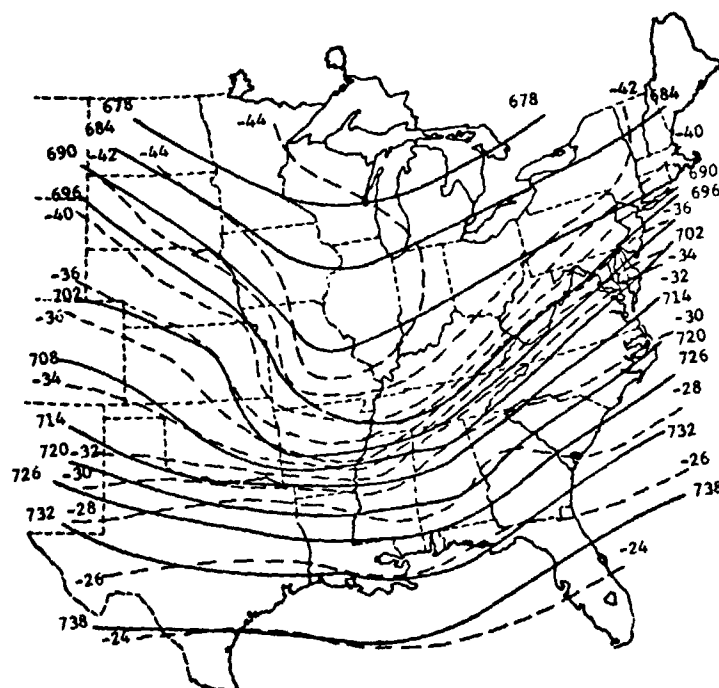


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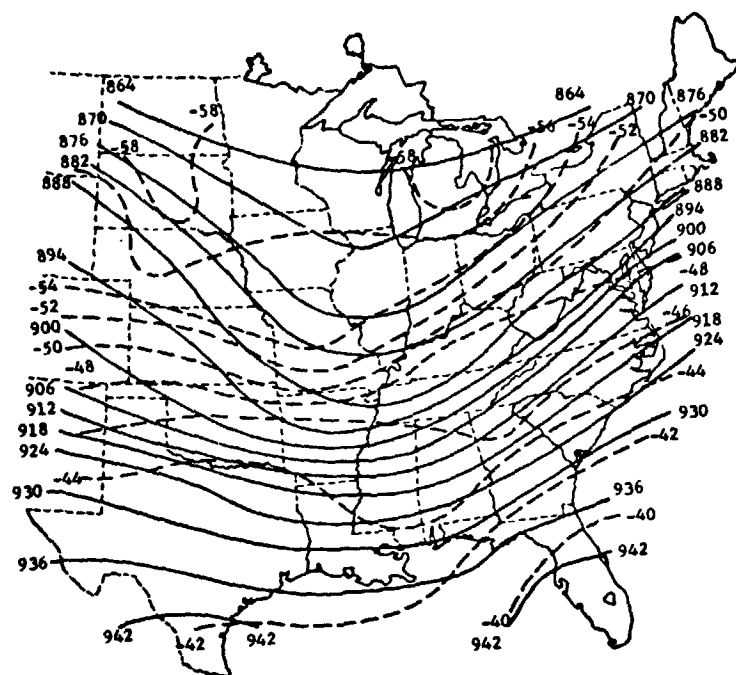


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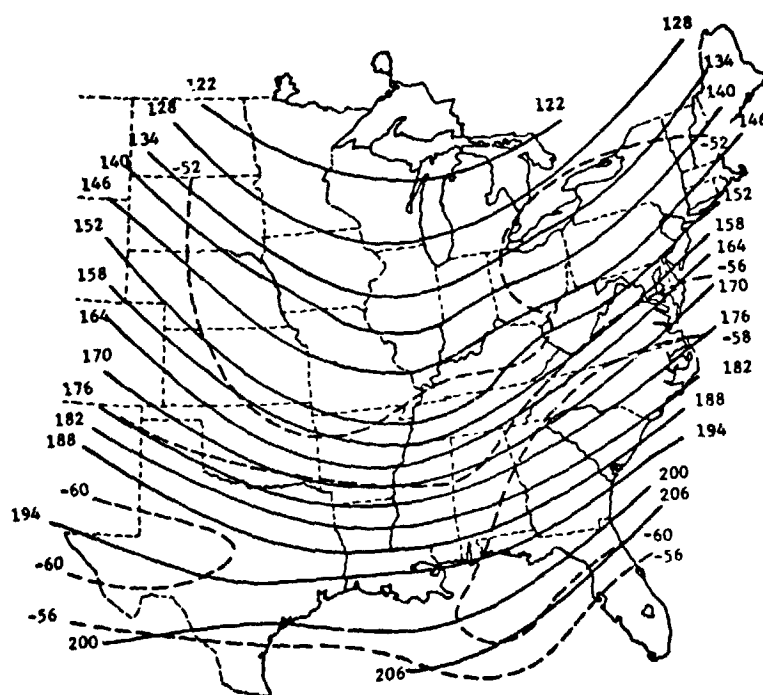


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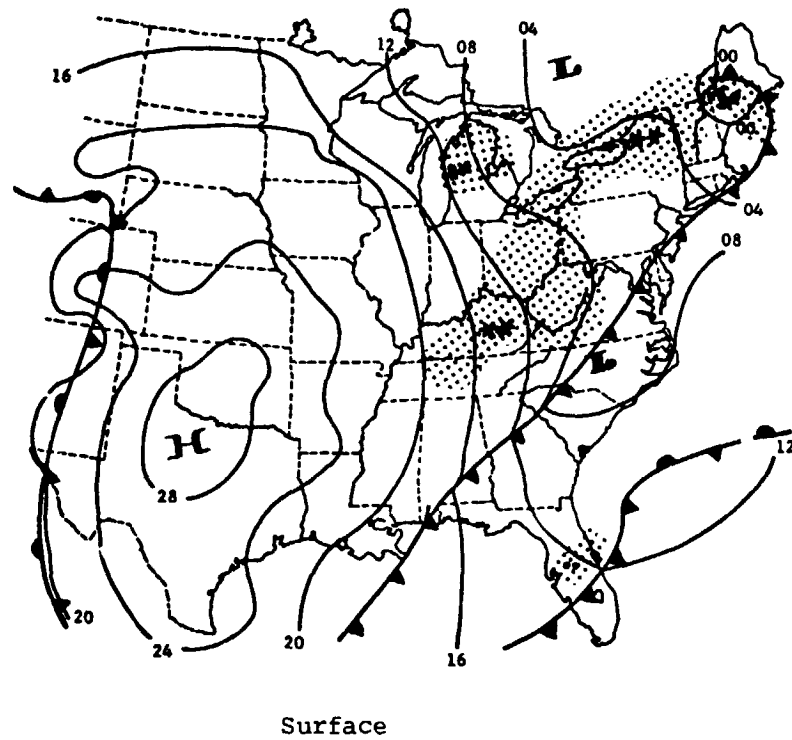
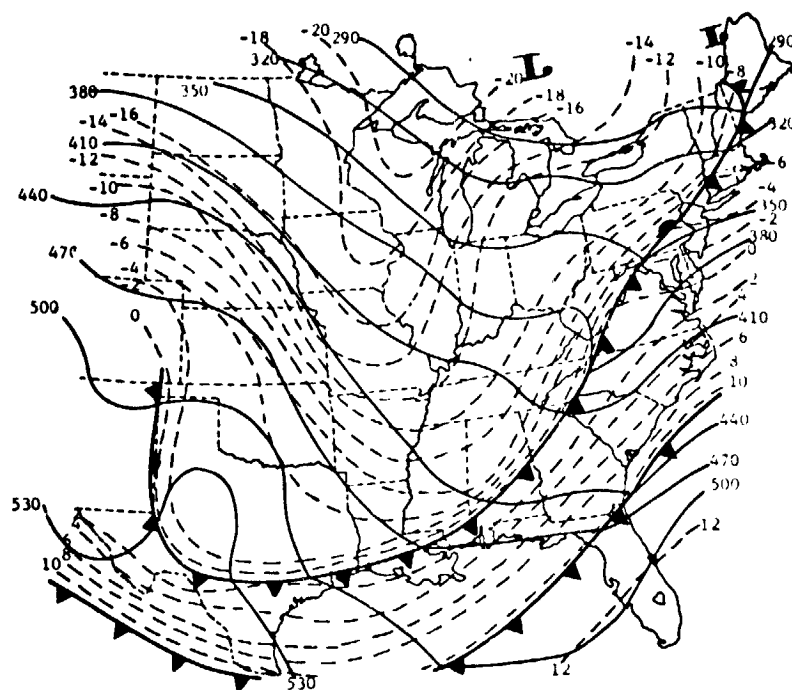
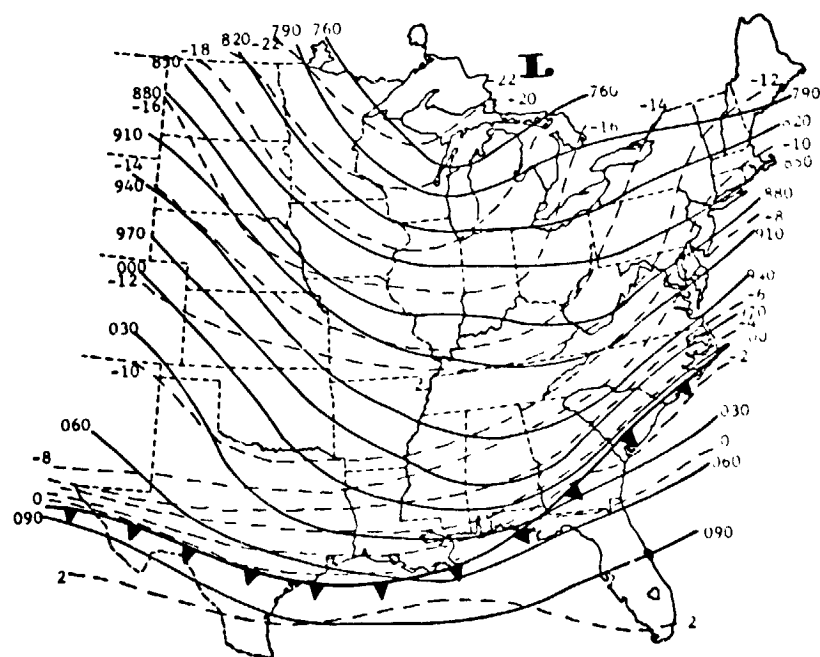


Fig. 9. Synoptic charts for 00 GMT, 7 February 1975.

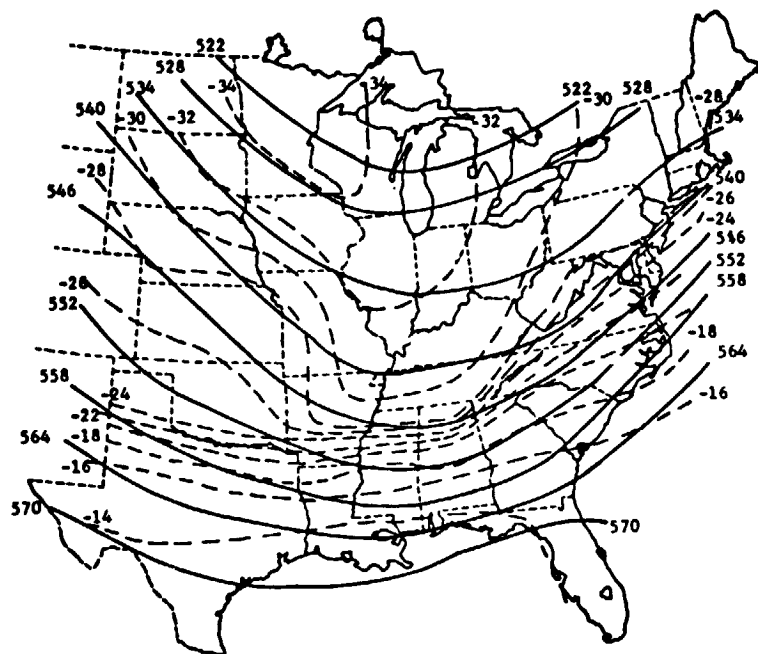


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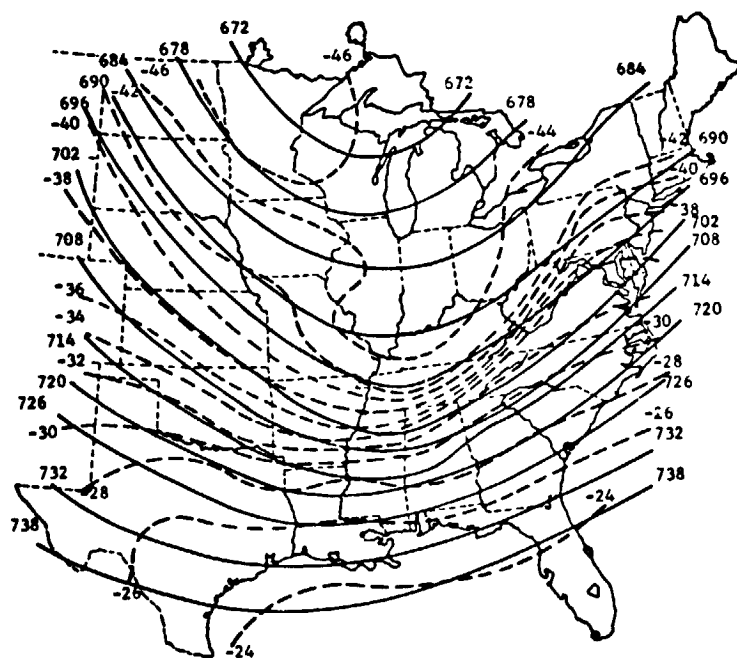


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Fig. 9. (Continued)



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FIG. 9. (Continued)

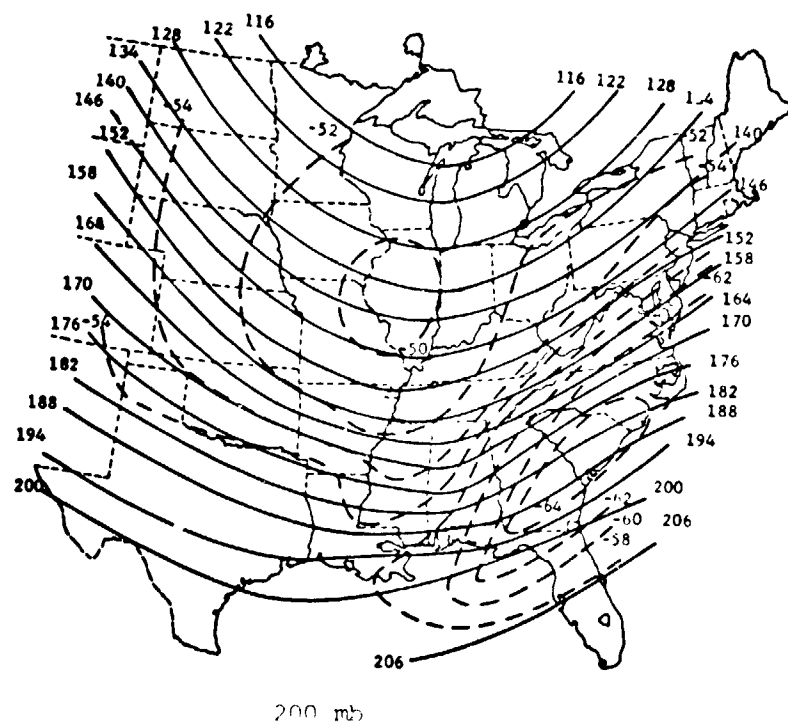
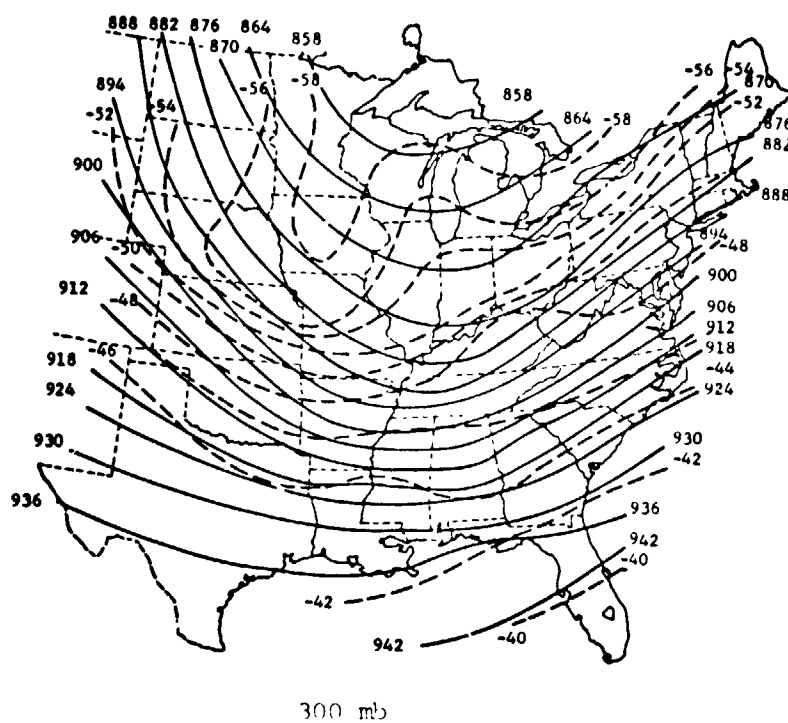


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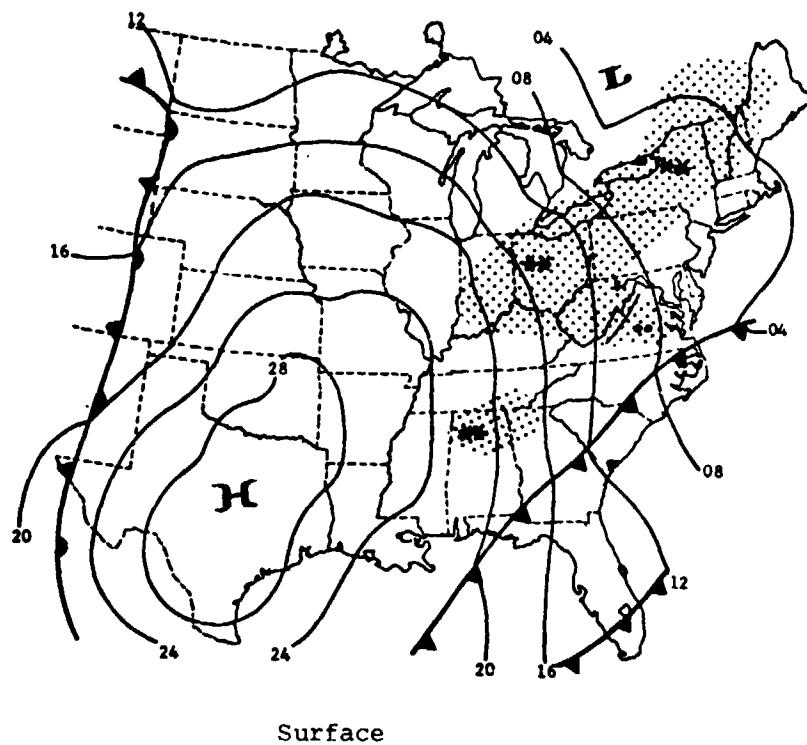
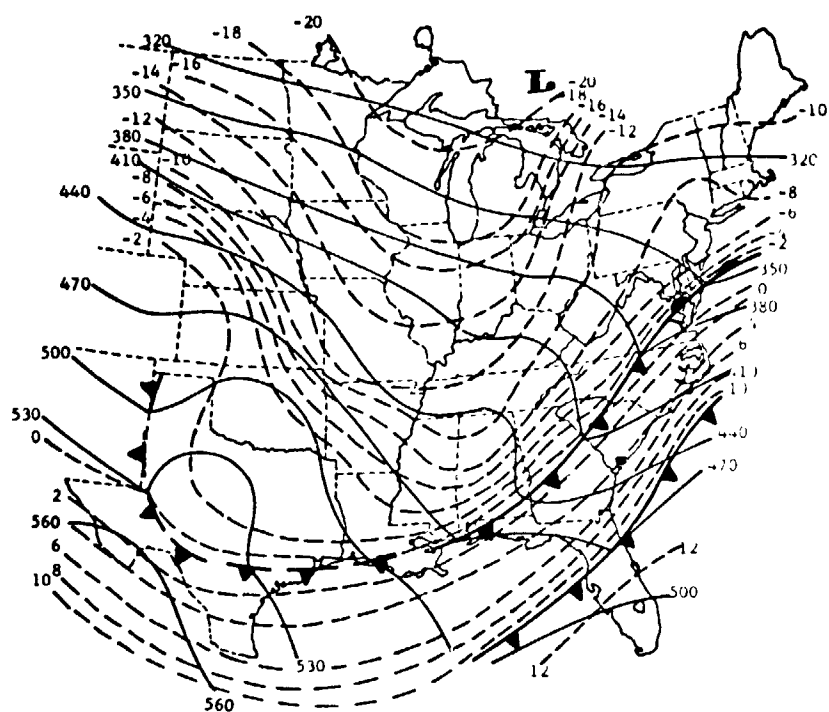
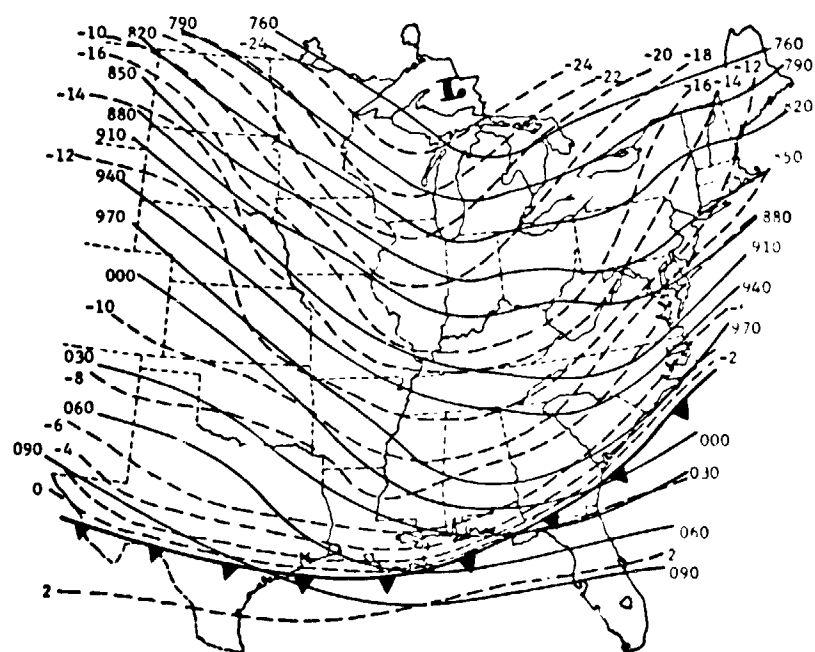


Fig. 10. Synoptic charts for 06 GMT, 7 February 1975.



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Fig. 10. (Continued)

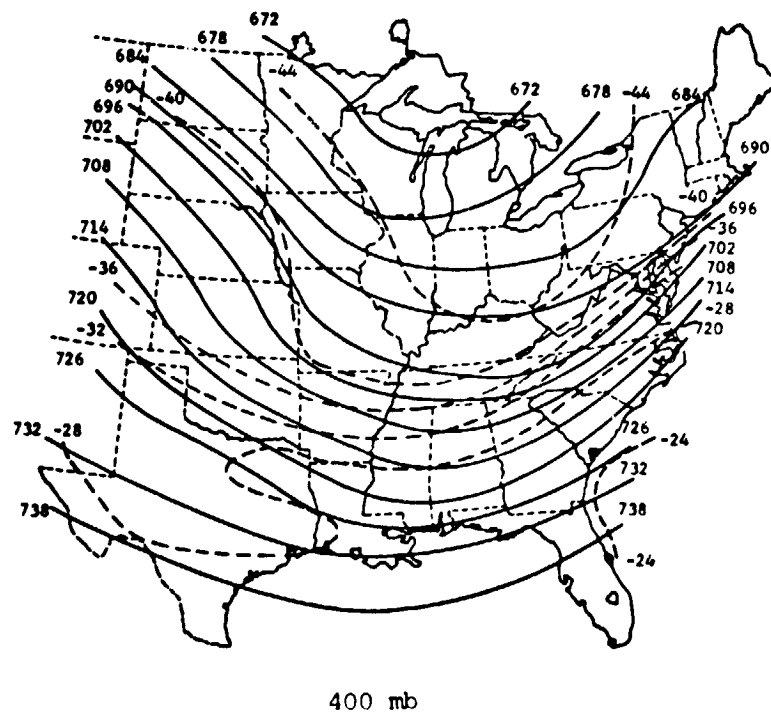
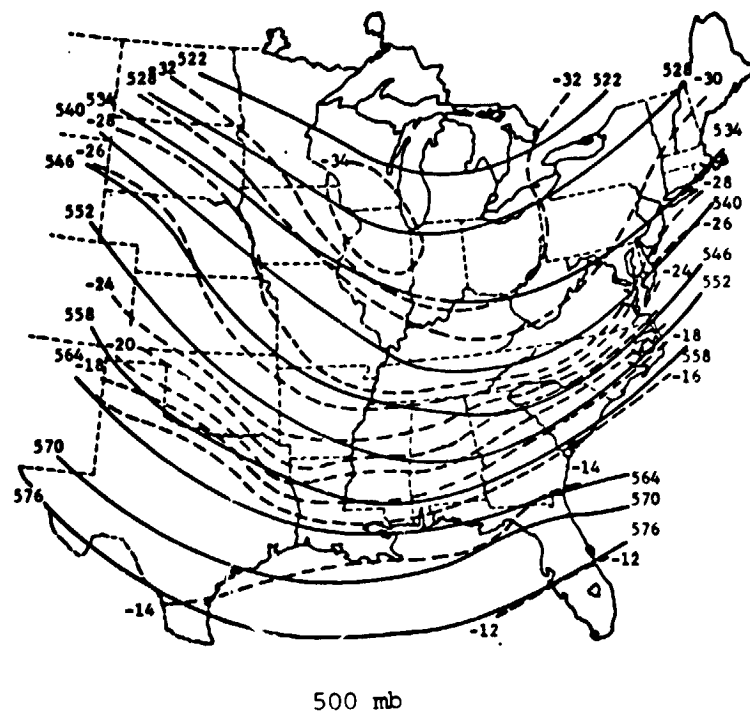
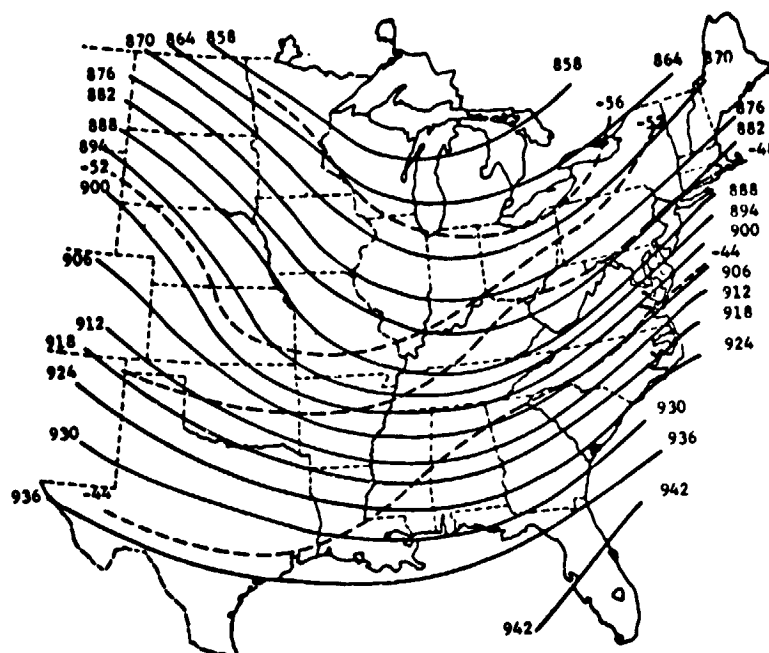
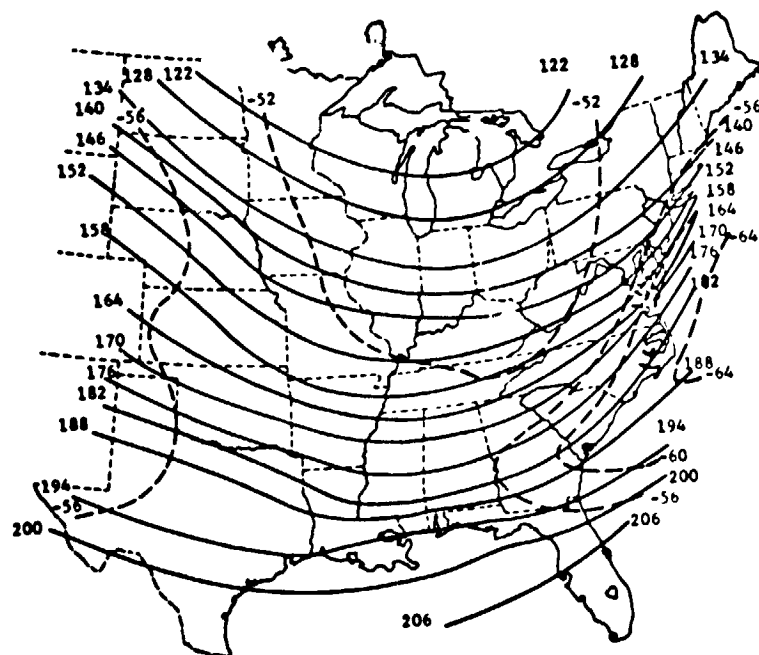


Fig. 10. (Continued)



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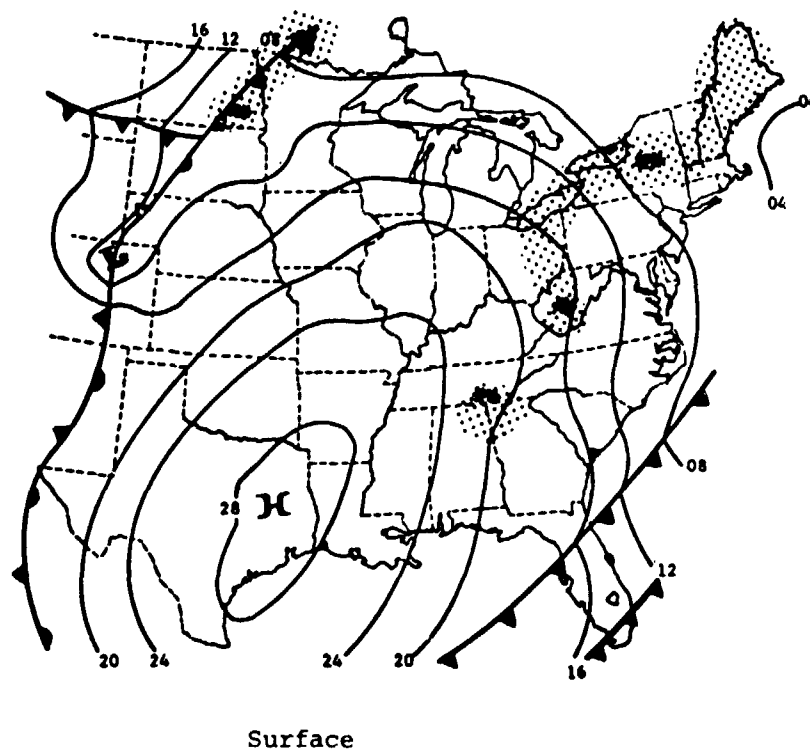
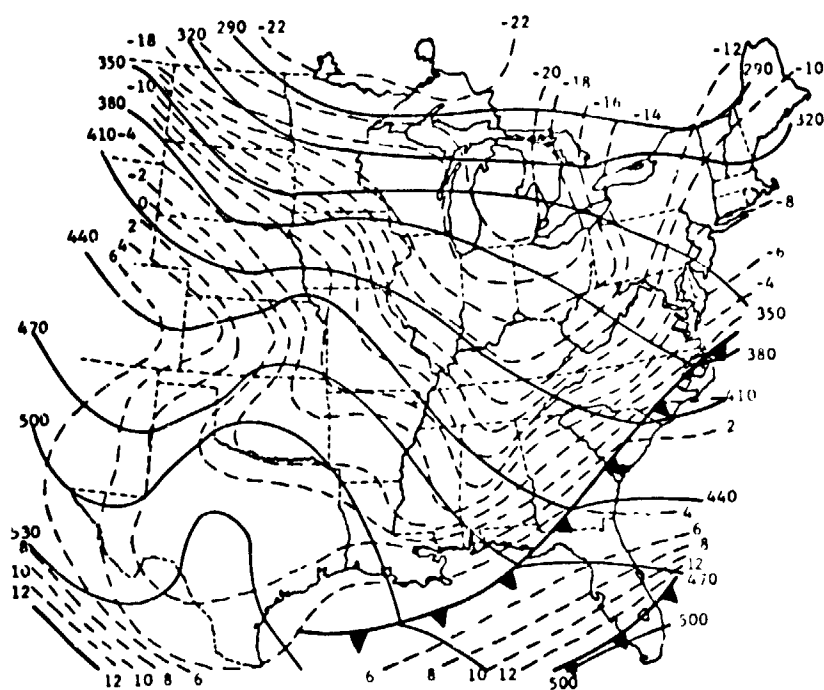
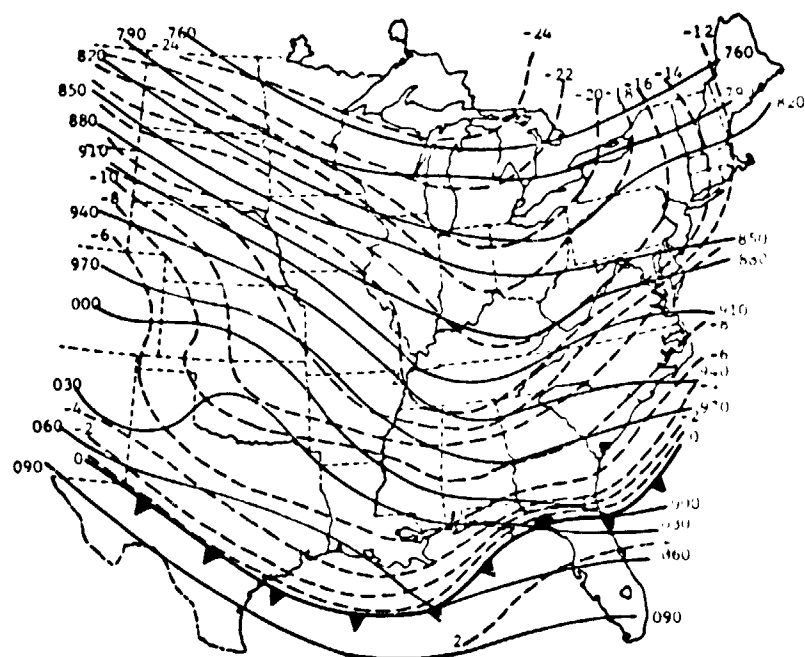


Fig. 11. Synoptic charts for 12 GMT, 7 February 1975.

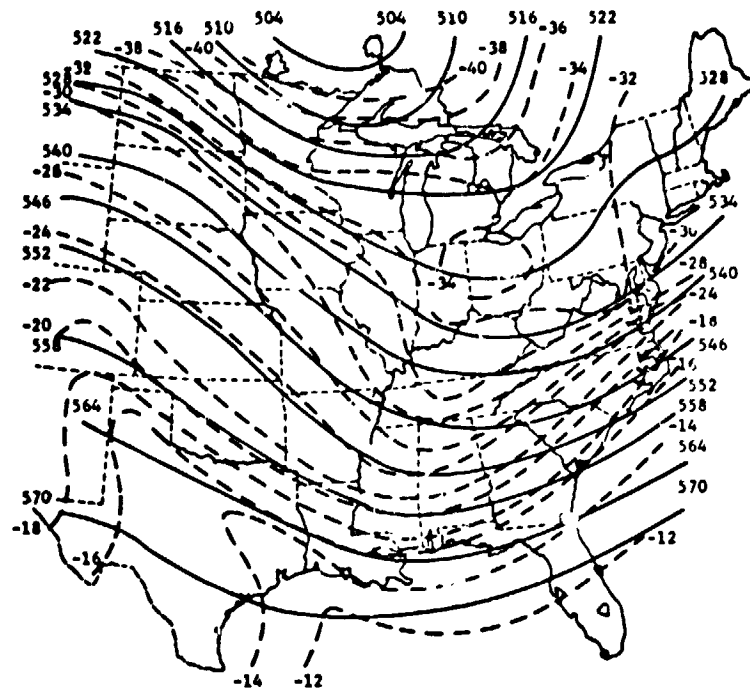


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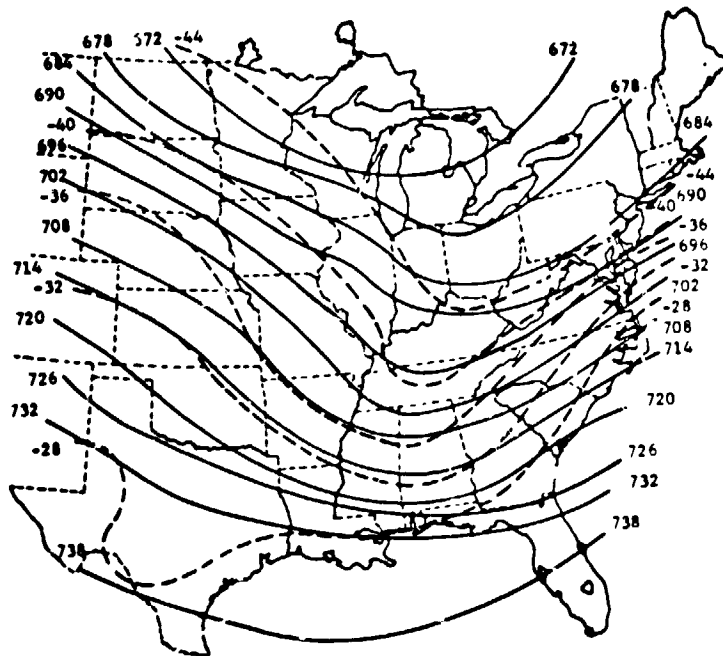


700 mb

FIG. 11. (Continued)



500 mb



400 mb

Fig. 11. (Continued)

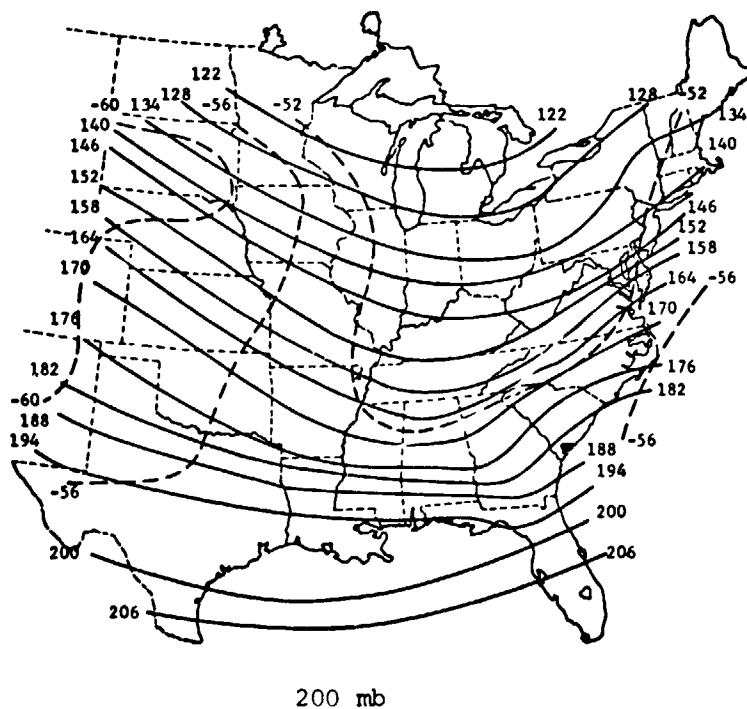
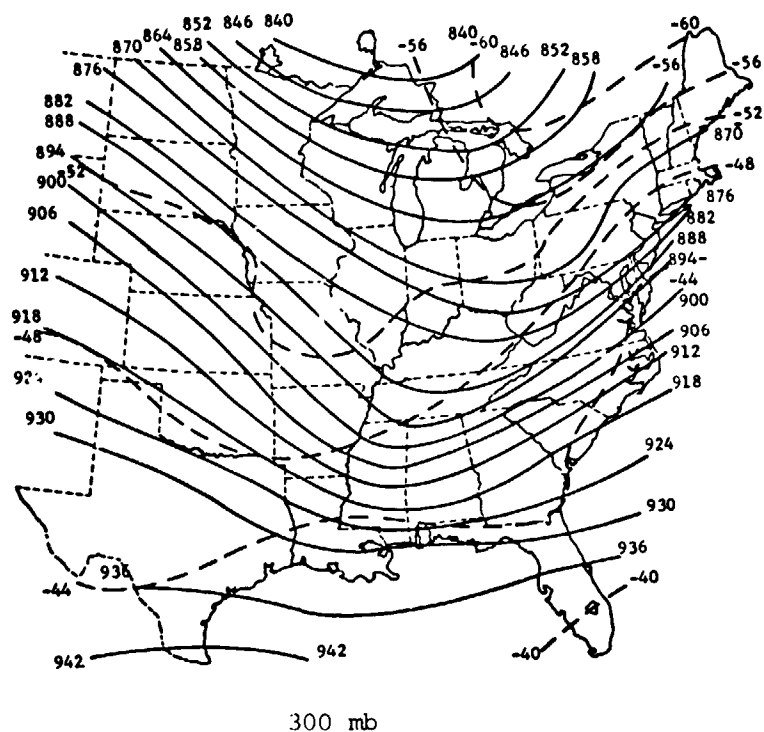


Fig. 11. (Continued)

Sounding Lota

6 February 1975

0000 GMT

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STATION NO. 20N  
CHARLESTON, SC5 FEBRUARY 1975  
2315 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GDN	PHYS MU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	11.0	1012.5	10.6	9.5	260.0	4.1	4.0	0.7	283.7	302.5	7.4	93.0	0.0	0.
0.3	5.7	116.9	1000.0	10.6	9.7	259.8	12.7	12.5	2.3	288.8	304.1	7.6	93.8	0.2	70.
1.0	7.9	328.5	975.0	12.2	11.4	262.9	13.8	13.7	1.7	288.6	311.1	8.7	94.7	0.5	77.
1.7	10.1	547.1	950.0	12.7	11.9	270.8	14.1	14.1	-0.2	291.3	315.5	9.3	94.8	1.2	83.
2.6	12.2	771.7	925.0	12.3	11.5	265.3	14.1	14.0	1.0	293.1	317.5	9.3	94.7	1.9	86.
3.4	14.5	1001.9	900.0	11.7	10.3	261.4	14.9	14.7	2.2	293.7	318.0	8.8	90.9	2.6	85.
4.3	16.6	1217.9	875.0	11.8	7.7	258.7	15.8	15.4	3.6	297.0	317.4	7.6	76.1	3.4	84.
5.1	18.3	1401.8	850.0	11.8	4.1	253.3	17.5	16.8	5.0	299.3	316.1	6.1	59.3	4.2	82.
6.0	21.2	1730.0	825.0	9.9	3.2	253.8	20.8	20.0	5.8	298.8	316.1	5.9	63.1	5.2	80.
6.8	23.5	1985.0	800.0	7.5	2.4	252.2	20.9	20.4	4.6	298.8	315.7	5.7	70.2	6.3	79.
7.6	25.8	2245.4	775.0	5.8	2.3	258.5	21.2	20.8	4.2	300.8	317.1	5.9	78.5	7.3	79.
8.5	28.1	2513.9	750.0	4.0	-2.2	261.3	21.2	20.9	3.2	301.5	313.9	4.4	64.0	8.4	79.
9.4	30.4	2788.8	725.0	2.6	-7.7	261.3	21.0	20.9	2.3	302.7	311.7	3.1	48.5	9.6	80.
10.5	33.4	3071.5	700.0	0.4	-5.7	260.8	21.3	21.0	3.4	303.3	313.7	3.6	63.8	10.9	80.
11.5	35.9	3342.6	675.0	-0.6	-8.0	253.8	21.2	20.3	5.9	305.3	318.4	3.1	57.4	12.2	80.
12.4	38.9	3634.0	650.0	-1.1	-50.7	250.7	22.2	21.0	7.4	307.7	307.9	0.1	1.0	13.4	79.
13.5	41.2	3975.0	625.0	-3.7	-52.1	251.3	23.2	22.0	7.4	308.2	308.4	0.0	1.0	14.9	78.
14.7	43.9	4245.8	600.0	-6.0	-53.7	252.2	25.6	25.0	5.7	309.2	309.3	0.0	1.0	16.6	78.
15.8	46.4	4627.2	575.0	-8.2	-55.1	260.0	27.2	26.9	4.5	310.3	310.4	0.0	1.0	18.5	78.
17.0	49.9	4971.5	550.0	-4.5	-55.9	255.0	27.4	26.5	7.1	312.8	313.0	0.0	1.0	20.3	78.
18.2	52.6	5123.4	525.0	-11.9	-57.4	253.0	26.8	25.8	7.8	314.1	314.2	0.0	1.0	22.4	78.
19.5	55.6	5700.1	500.0	-15.1	-59.5	254.0	27.6	26.5	7.6	314.6	314.7	0.0	1.0	24.3	77.
20.8	58.6	6035.9	475.0	-17.8	-61.2	255.1	31.5	30.4	8.1	315.9	316.0	0.0	1.0	26.7	77.
22.3	62.3	6407.4	450.0	-20.8	-63.2	253.4	34.1	32.7	9.8	317.0	317.1	0.0	1.0	29.5	77.
23.8	65.1	6707.5	425.0	-23.8	-65.1	253.8	36.8	35.4	10.3	318.4	318.4	0.0	1.0	32.7	76.
25.3	68.7	7347.7	400.0	-27.2	-68.9	252.4	38.7	36.9	11.7	319.6	319.8	0.1	5.3	36.2	76.
26.9	72.1	7908.1	375.0	-31.6	-50.6	251.2	35.5	33.6	11.4	319.7	320.1	0.1	13.2	39.5	76.
28.6	76.3	8202.7	350.0	-34.7	-39.4	243.3	34.2	30.6	15.4	321.9	323.1	0.3	61.8	43.4	75.
30.4	80.3	8405.7	325.0	-38.9	-42.2	249.1	47.78	40.9	28.5	323.0	324.0	0.3	70.5	47.3	74.
32.1	83.3	8531.2	300.0	-43.0	99.7	237.3	41.14	38.6	22.2	324.7	999.9	99.9	99.9	52.1	72.
34.4	88.3	9932.1	275.0	-46.8	99.9	242.6	54.78	48.6	25.2	327.4	999.9	99.9	99.9	58.5	71.
36.9	92.7	10547.2	250.0	-51.9	99.9	248.0	55.14	49.5	24.1	328.9	999.9	99.9	99.9	66.3	70.
39.7	97.4	11210.9	225.0	-57.7	99.9	239.4	60.04	51.6	30.5	330.1	999.9	99.9	99.9	75.4	69.
42.8	102.5	11968.2	200.0	-60.6	99.9	241.9	64.78	56.6	30.3	336.8	999.9	99.9	99.9	85.5	68.
46.4	109.1	12408.8	175.0	-50.4	99.9	250.1	57.14	53.7	19.4	356.9	999.9	99.9	99.9	99.1	68.
50.6	114.5	13782.8	150.0	-59.4	99.9	253.8	63.04	60.5	17.5	367.8	999.9	99.9	99.9	115.7	68.
55.2	121.7	14913.2	125.0	-64.9	99.9	232.5	43.288	34.3	26.3	377.5	999.9	99.9	99.9	128.1	68.
60.7	129.7	16233.0	100.0	-70.9	99.9	249.8	47.148	44.2	16.2	390.8	999.9	99.9	99.9	144.6	68.
67.1	138.3	17950.7	75.0	-72.7	99.9	247.1	32.288	29.7	12.5	420.6	999.9	99.9	99.9	157.0	67.
76.6	148.0	23371.9	50.0	-67.5	99.9	50.8	10.588	-8.1	-6.7	484.5	999.9	99.9	99.9	168.9	68.
93.8	158.5	24607.8	25.0	-62.4	99.9	251.3	29.48	27.8	9.6	605.6	999.9	99.9	99.9	185.5	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

5 FEBRUARY 1975  
2110 GMT

142 55. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT G04	PRCS MH	TEMP DG C	DEM PT DG C	DIQ DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	F POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	4.0	1017.2	19.2	18.0	280.0	3.1	3.1	-0.3	292.7	325.9	12.9	93.0	0.0	0.
0.5	5.7	156.2	1009.0	18.7	17.8	82.9	2.0	-2.0	-0.3	293.4	325.0	12.2	89.1	0.4	106.
1.1	7.0	372.1	975.0	18.9	13.7	270.9	5.2	5.2	-0.1	293.5	320.0	10.2	81.3	0.4	106.
2.1	10.2	593.1	950.0	18.2	11.7	257.0	8.9	8.7	2.0	295.0	322.5	10.5	85.3	0.6	96.
2.9	12.3	821.4	925.0	15.4	12.6	248.1	13.7	12.7	5.1	296.4	322.8	10.0	83.7	1.3	86.
3.7	14.6	1031.6	900.0	13.7	11.3	239.5	14.6	12.6	7.4	296.9	321.9	9.4	85.1	2.0	76.
4.7	16.7	1241.2	875.0	12.7	10.2	236.5	13.7	11.5	7.6	298.2	322.3	9.0	84.3	2.8	72.
5.7	19.1	1534.6	850.0	11.4	8.7	230.5	14.0	10.8	8.9	299.2	321.8	8.4	83.4	3.6	68.
6.6	21.3	1784.2	825.0	10.0	7.8	228.2	12.1	9.0	8.0	300.2	322.3	8.1	86.3	4.3	65.
7.6	24.1	2034.5	400.0	8.1	6.2	211.7	12.0	9.4	7.4	300.7	321.3	7.5	88.0	5.0	63.
8.7	26.1	2301.4	775.0	6.3	4.8	237.8	12.1	10.3	6.4	301.5	320.8	7.0	89.9	5.8	62.
9.8	28.7	2570.2	750.0	4.6	3.2	240.8	12.6	11.0	6.1	302.5	320.4	6.4	90.2	6.5	61.
10.7	31.2	2845.1	725.0	2.9	1.5	243.3	13.3	11.9	6.0	303.4	320.0	5.9	90.2	7.3	61.
11.7	33.7	3124.8	700.0	0.9	-0.5	242.2	13.1	11.6	6.1	304.2	319.2	5.3	90.2	8.0	62.
12.9	36.4	3422.1	675.0	0.3	-1.2	237.7	12.9	10.9	6.9	306.6	321.5	5.2	90.0	9.0	61.
14.5	39.1	3724.4	650.0	-1.0	-2.5	238.9	13.1	11.2	6.8	308.4	322.7	4.9	90.1	10.0	61.
15.6	41.9	4037.4	625.0	-2.6	-4.1	232.9	14.4	12.3	7.4	310.1	323.4	4.5	89.1	11.2	61.
17.0	44.7	4361.2	600.0	-3.8	-5.4	240.2	13.9	12.0	6.9	312.2	324.9	4.3	88.6	12.4	61.
18.5	47.7	4676.7	575.0	-5.5	-7.2	244.5	17.0	15.4	7.3	314.0	325.6	3.9	88.1	13.7	61.
19.9	50.5	5045.3	550.0	-7.0	-8.9	249.2	19.4	18.1	6.9	316.2	327.1	3.6	87.3	15.2	61.
21.3	53.5	5407.0	525.0	-9.2	-11.1	255.0	19.4	18.7	5.0	317.7	327.4	3.1	86.6	16.8	62.
22.7	56.5	5782.0	500.0	-11.8	-13.7	254.8	20.5	19.8	5.4	319.0	327.3	2.7	85.4	18.5	62.
24.2	59.9	6174.3	475.0	-14.4	-16.4	248.3	19.8	18.4	7.3	320.4	327.5	2.2	84.3	20.2	62.
25.9	63.1	6582.3	450.0	-17.3	-19.3	240.7	23.2	20.3	11.3	321.6	327.3	1.8	81.2	22.4	62.
27.5	66.4	7008.5	425.0	-20.4	-23.0	243.3	26.0	23.2	11.7	322.9	327.6	1.4	80.1	24.9	62.
29.2	70.0	7454.7	400.0	-23.5	-26.4	248.8	26.4	24.6	9.5	324.5	328.2	1.1	77.0	27.5	62.
30.9	73.6	7923.4	375.0	-27.4	-30.9	249.9	25.0	23.4	8.6	325.3	328.0	0.8	71.7	30.0	65.
32.8	77.4	8418.0	350.0	-31.4	-35.7	247.3	26.2	24.2	10.1	326.4	328.3	0.5	65.5	33.0	65.
34.6	81.3	8931.1	325.0	-35.6	-40.3	246.1	29.1	26.6	11.8	327.6	328.8	0.3	61.5	35.9	65.
36.5	85.3	9494.2	300.0	-43.3	99.3	245.0	29.8	27.2	12.2	328.6	329.9	99.9	99.9	39.5	65.
38.4	89.4	10075.4	275.0	-45.2	99.9	242.4	11.2	27.6	14.5	329.7	329.9	99.9	99.9	42.9	65.
40.0	94.9	10704.0	250.0	-50.2	99.9	243.7	33.9	30.4	15.0	331.4	329.9	99.9	99.9	47.7	65.
44.0	99.4	11382.7	225.0	-56.2	99.9	241.9	38.0	33.5	17.9	332.4	329.9	99.9	99.9	55.2	65.
47.5	104.6	12124.2	200.0	-58.8	99.9	234.0	48.58	41.6	25.0	333.6	329.9	99.9	99.9	63.5	62.
51.6	110.4	12976.4	175.0	-54.4	99.9	250.6	38.28	36.1	12.7	360.1	329.9	99.9	99.9	75.9	62.
56.1	116.3	13944.7	150.0	-61.7	99.9	239.7	31.28	27.0	15.7	363.8	329.9	99.9	99.9	89.8	62.
61.1	121.3	15063.8	125.0	-67.6	99.9	244.4	32.08	28.8	13.8	372.5	329.9	99.9	99.9	99.1	62.
66.8	130.9	16387.3	100.0	-72.9	99.9	218.9	26.98	16.9	20.9	386.8	329.9	99.9	99.9	109.5	62.
73.9	138.7	18072.2	75.0	-77.2	99.9	242.5	11.4	5.9	5.9	411.1	329.9	99.9	99.9	122.6	62.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0.00 0.00 MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.00 0.00 MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
0.00 0.00 MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 213  
WAYCROSS, GA

5 FEBRUARY 1975  
2115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

161 18. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SIC	V COMP M/SFC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	44.0	1009.5	17.4	15.2	200.0	2.1	0.7	2.0	291.2	319.2	10.9	87.0	0.0	0.
0.5	4.8	125.1	1006.0	17.3	15.6	250.3	3.5	3.4	0.7	291.9	320.8	11.2	89.8	0.2	29
1.2	6.0	341.7	975.0	16.4	13.7	247.6	8.0	7.4	3.0	293.1	321.3	10.8	89.2	0.5	52
2.0	8.7	542.4	950.0	15.0	13.9	247.6	9.9	9.2	3.8	293.8	321.4	10.6	93.0	1.0	59
2.8	10.7	718.7	925.0	13.3	12.6	247.2	10.6	9.7	4.1	294.2	320.4	10.0	95.3	1.4	62
3.6	12.4	1013.0	900.0	11.4	11.0	247.0	10.0	9.7	3.9	294.5	318.8	9.2	97.4	2.0	63
4.5	15.1	1255.1	875.0	11.1	10.3	248.8	9.7	8.8	4.1	296.5	320.8	9.0	94.7	2.5	64
5.4	17.1	1437.5	850.0	10.5	8.4	253.3	12.7	12.1	3.6	298.2	320.8	8.4	89.1	3.1	65
6.2	19.3	1740.1	825.0	8.8	7.0	255.8	11.8	13.3	3.4	299.0	313.7	7.6	87.9	3.7	67
7.0	21.6	2000.7	800.0	7.2	6.3	257.3	15.1	14.7	3.1	299.8	320.4	7.5	84.3	4.4	68
7.8	24.0	2261.6	775.0	5.5	4.9	257.5	16.7	16.3	3.6	300.7	319.9	7.0	90.5	5.1	70
8.7	26.2	2529.5	750.0	3.7	3.1	255.9	17.2	16.6	4.2	301.4	319.1	6.4	95.9	6.0	71
9.5	28.4	2304.7	725.0	1.4	0.8	256.2	18.0	17.5	4.3	301.7	317.4	5.6	96.0	7.2	72
10.8	31.3	3080.5	700.0	-0.3	-1.1	258.4	18.2	17.9	3.7	302.8	317.1	5.1	94.3	8.3	73
12.0	34.3	3370.3	675.0	-3.4	-6.1	260.3	18.6	18.3	3.1	302.2	312.5	3.5	80.4	9.6	73
13.0	36.3	3674.9	650.0	-3.7	-12.1	256.9	19.6	19.0	4.5	305.1	312.5	2.5	56.1	10.7	74
14.1	39.1	3944.0	625.0	-5.1	-14.3	255.7	19.9	19.2	4.9	306.8	313.0	2.0	48.5	12.1	74
15.3	41.7	4194.2	600.0	-6.3	-18.4	260.6	21.2	20.9	3.5	308.8	309.1	0.1	2.0	13.5	74
16.4	44.6	4635.1	575.0	-9.2	-55.7	262.0	24.2	23.9	3.4	309.2	309.3	0.0	1.0	15.3	75
17.8	47.6	4977.1	550.0	-10.3	-56.8	258.1	26.5	25.9	5.4	311.2	311.3	0.0	1.0	17.1	76
19.0	50.6	5314.2	525.0	-12.7	-58.0	259.7	25.0	24.6	4.5	313.1	313.2	0.0	1.0	18.9	76
20.3	53.7	5704.1	500.0	-15.8	-51.3	258.7	24.4	27.8	5.6	313.7	314.0	0.1	2.7	20.9	77
21.7	56.7	6049.0	475.0	-18.1	-54.7	255.1	31.9	30.4	6.1	315.5	315.7	0.0	2.1	23.5	77
23.2	60.3	6411.2	450.0	-20.5	-60.2	252.2	31.7	32.1	10.3	317.4	317.5	0.0	1.5	26.6	76
24.7	63.4	6711.4	425.0	-23.2	-62.3	242.3	36.5	34.1	12.9	319.2	319.3	0.0	1.4	29.8	76
26.3	67.3	7352.7	400.0	-27.1	-42.0	241.5	35.4	31.1	16.9	319.7	320.5	0.2	22.6	33.0	75
27.4	70.7	7814.3	375.0	-30.4	-36.1	233.3	44.1	35.3	26.3	321.3	322.9	0.5	57.1	36.4	73
29.4	75.0	9301.1	350.0	-34.2	-40.9	231.6	45.9	36.0	28.5	322.6	323.2	0.2	25.9	41.4	70
31.7	79.2	8816.1	325.0	-37.1	-40.0	227.8	46.6	34.5	31.3	325.4	326.7	0.3	69.9	46.5	68
33.8	83.5	1165.1	300.0	-40.8	99.9	238.8	46.14	37.7	26.6	327.9	99.9	99.9	99.9	52.3	66
36.1	88.0	1451.2	275.0	-45.4	99.9	233.5	50.28	45.2	33.4	329.5	99.9	99.9	99.9	58.9	65
39.4	93.0	13579.7	250.0	-50.9	99.9	231.0	51.56	46.8	35.2	330.3	99.9	99.9	99.9	67.0	63
41.0	98.3	11255.4	225.0	-56.6	99.9	229.4	53.48	42.0	36.0	331.8	99.9	99.9	99.9	76.3	62
43.7	103.4	11172.6	200.0	-61.6	99.9	232.5	53.18	42.2	32.3	335.2	99.9	99.9	99.9	84.8	61
47.2	110.2	13155.7	175.0	-54.9	99.9	242.4	64.98	61.2	31.5	339.3	99.9	99.9	99.9	98.5	60
51.4	116.4	13407.6	150.0	-60.5	99.9	248.5	80.68	75.0	29.5	365.9	99.9	99.9	99.9	116.4	61
55.8	124.7	14037.6	125.0	-64.0	99.9	231.0	47.28	38.2	27.8	379.1	99.9	99.9	99.9	128.9	62
61.3	137.3	16740.2	100.0	-70.7	99.9	248.4	66.88	60.2	28.8	391.1	99.9	99.9	99.9	146.3	61
67.7	142.3	17972.0	75.0	-71.5	99.9	242.1	17.28	17.28	8.0	423.0	99.9	99.9	99.9	160.0	61
76.6	151.3	23392.4	50.0	-66.6	99.9	247.6	35.18	32.5	13.4	486.5	99.9	99.9	99.9	166.6	62
92.6	161.3	26670.0	25.0	-62.3	99.9	248.9	28.08	26.1	10.0	606.0	99.9	99.9	99.9	181.3	63

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 220  
APALACHEICOLA, FLA

5 FEBRUARY 1975  
2315 GMT

166 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RIO CM/KG	PH PCT	RANGE KM	AZ DEG
0.0	3.4	11.0	1011.7	19.0	18.5	220.0	3.6	2.3	2.8	292.8	327.2	13.4	97.0	0.0	0.
0.5	4.5	124.5	1000.0	19.0	18.3	099.4	99.9	99.9	99.9	293.9	328.5	13.4	95.8	999.9	999.
1.0	5.3	341.5	975.0	17.9	16.5	999.9	99.9	99.9	99.9	294.7	328.5	12.2	91.6	999.9	999.
2.0	9.7	541.4	950.0	16.6	12.4	999.9	99.9	99.9	99.9	295.3	320.6	9.6	76.2	999.9	999.
3.0	13.3	791.7	925.0	14.8	12.7	999.9	99.9	99.9	99.9	295.8	322.4	10.1	87.6	999.9	999.
4.0	13.0	1027.7	900.0	14.7	10.2	999.9	99.9	99.9	99.9	297.8	321.3	8.8	74.8	999.9	999.
5.0	15.3	1265.1	875.0	13.5	6.9	240.2	8.7	7.5	4.3	298.9	321.1	7.2	73.1	1.5	48.
5.9	17.5	1510.1	850.0	12.2	7.7	245.7	10.4	9.5	4.3	300.0	321.3	7.8	74.0	1.9	52.
6.9	19.9	1740.3	825.0	11.5	5.5	251.0	11.4	10.8	3.7	301.7	320.8	6.9	66.3	2.6	56.
7.9	22.2	2017.1	800.0	9.7	2.4	257.5	12.2	11.9	2.6	302.2	319.7	5.9	62.2	3.2	60.
8.9	24.7	2273.4	775.0	7.0	-0.4	260.1	13.1	13.9	2.4	303.9	315.6	4.8	59.5	4.0	64.
9.9	27.1	2531.7	750.0	5.8	-6.6	259.0	15.3	15.0	2.9	303.3	312.4	3.1	40.6	4.8	67.
10.9	29.3	2750.0	725.0	3.8	-14.0	253.4	18.8	14.3	4.2	303.9	309.3	1.8	25.9	5.8	68.
12.0	32.4	3100.0	700.0	2.1	-34.6	255.4	15.3	14.8	3.9	308.8	305.8	0.3	4.5	6.7	69.
13.0	35.1	3401.1	675.0	0.7	-45.1	262.7	17.0	16.9	2.2	308.4	306.7	0.1	1.7	7.7	70.
14.0	37.7	3707.9	650.0	-1.4	-33.4	264.2	18.4	18.3	1.9	307.4	308.6	0.3	6.6	8.8	72.
15.0	40.5	4011.9	625.0	-3.8	-29.4	261.9	19.3	19.1	2.7	308.2	309.9	0.5	11.1	10.0	73.
16.0	43.2	4314.0	600.0	-5.3	-31.9	251.8	19.7	18.9	5.5	310.0	311.4	0.4	10.2	11.3	74.
17.0	46.3	4634.1	575.0	-6.6	-39.2	247.0	20.1	18.5	7.9	312.3	313.0	0.2	5.4	12.8	74.
18.0	49.4	5013.7	550.0	-9.2	-39.2	245.1	20.9	19.0	8.8	313.2	314.0	0.2	6.6	14.4	73.
20.0	55.9	5781.7	500.0	-11.7	-38.6	240.7	22.0	19.2	10.7	315.1	315.2	0.3	8.6	16.1	72.
21.0	58.9	6123.5	475.0	-14.7	-41.2	239.5	23.5	20.3	11.9	315.9	319.7	0.2	8.3	17.8	70.
22.0	62.4	6511.9	450.0	-17.8	-28.5	240.1	26.4	25.8	13.2	315.9	319.7	0.8	43.0	19.8	69.
23.0	65.9	6951.1	425.0	-20.5	-25.1	239.8	28.9	25.9	15.0	317.6	321.2	1.1	66.1	22.2	68.
24.0	69.7	7393.4	400.0	-23.1	-32.5	239.8	30.9	25.9	16.7	319.3	321.4	0.6	41.3	24.5	67.
25.0	73.5	7854.5	375.0	-27.4	-36.5	241.0	34.3	25.9	18.9	321.2	323.3	0.5	50.7	27.2	67.
26.0	77.7	8342.0	350.0	-34.0	-36.7	229.1	33.7	25.5	22.0	322.9	324.5	0.5	76.4	31.7	64.
27.0	81.4	8858.1	325.0	-37.0	-39.2	226.4	41.0	29.7	28.3	323.7	327.0	0.4	79.5	37.5	63.
28.0	85.2	9407.1	300.0	-41.1	-44.9	223.0	33.3	27.7	24.4	327.5	329.9	99.9	999.9	41.6	60.
29.0	89.1	9941.6	275.0	-45.7	-49.9	227.5	47.6	35.1	32.1	329.0	329.9	99.9	999.9	53.2	57.
30.0	93.0	10618.1	250.0	-51.3	-49.3	224.2	42.5	29.6	30.5	324.8	329.9	99.9	999.9	60.5	56.
31.0	97.5	11348.0	225.0	-57.1	-49.9	222.4	53.14	35.8	39.2	331.1	329.9	99.9	999.9	68.3	54.
32.0	101.5	12071.4	200.0	-58.4	-49.9	220.4	43.08	27.9	37.8	340.3	329.9	99.9	999.9	77.6	53.
33.0	105.3	12774.5	175.0	-56.0	-49.9	227.1	60.59	44.3	41.2	357.5	329.9	99.9	999.9	90.7	52.
34.0	114.3	13448.4	150.0	-62.6	-49.9	218.3	48.58	34.4	28.3	362.3	329.9	99.9	999.9	103.4	53.
35.0	120.3	14062.7	125.0	-67.5	-49.9	213.1	42.18	43.6	40.3	380.0	329.9	99.9	999.9	119.7	53.
36.0	137.7	16331.8	100.0	-71.4	-49.9	233.0	32.88	26.2	19.8	389.8	329.9	99.9	999.9	129.7	53.
37.0	140.7	14010.5	75.0	-71.5	-49.9	213.0	27.78	22.1	16.7	423.1	329.9	99.9	999.9	130.1	53.
38.0	154.5	24825.7	50.0	-66.2	-49.9	258.7	8.38	8.1	1.6	482.9	329.9	99.9	999.9	142.0	55.
39.0	166.3	24636.0	25.0	-61.3	-49.9	239.6	23.68	20.4	11.9	608.7	329.9	99.9	999.9		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 220  
CENTERVILLE, ALA

5 FEBRUARY 1975  
2314 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

155 13. 1

TIME MIN	CNCT	HEIGHT GPA	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SLC	U COMP M/SLC	V COMP M/SLC	POT T DEG K	E POT T DEG K	MR RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	147.0	940.6	10.5	8.5	260.0	3.6	3.5	0.6	290.9	309.3	7.0	59.0	0.0	0.
00.9	90.9	92.9	1000.0	94.9	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	6.1	376.3	975.0	15.8	5.7	909.3	99.9	99.9	99.9	291.8	307.6	5.9	51.2	999.9	999.9
1.5	10.7	543.1	940.0	13.6	4.9	999.9	99.9	99.9	99.9	291.8	307.6	5.7	55.5	999.9	999.9
2.2	12.3	723.3	925.0	11.6	4.2	999.9	99.9	99.9	99.9	291.9	308.9	5.6	60.5	999.9	999.9
3.0	14.0	934.5	900.0	9.0	3.5	999.9	99.9	99.9	99.9	291.5	308.1	5.5	66.3	999.9	999.9
3.7	16.3	1211.6	875.0	7.1	2.5	999.9	99.9	99.9	99.9	291.9	307.0	5.6	78.0	999.9	999.9
4.4	17.1	1474.0	850.0	4.8	2.5	999.9	99.9	99.9	99.9	291.9	306.4	5.4	84.8	999.9	999.9
5.3	21.2	1712.0	825.0	2.7	0.9	999.9	99.9	99.9	99.9	292.1	303.6	5.0	88.0	999.9	999.9
6.1	21.0	1460.9	800.0	2.7	-17.4	999.9	99.9	99.9	99.9	292.2	303.6	1.5	26.2	999.9	999.9
6.9	25.4	2213.9	775.0	4.6	-13.4	999.9	99.9	99.9	99.9	292.8	299.7	0.3	4.1	999.9	999.9
7.5	26.1	2496.9	750.0	2.8	-31.7	999.9	99.9	99.9	99.9	292.6	300.6	0.3	4.7	999.9	999.9
8.4	30.9	2757.5	725.0	0.8	-32.5	999.9	99.9	99.9	99.9	300.3	301.5	0.3	6.1	999.9	999.9
9.2	31.3	3144.1	700.0	-1.2	-31.7	999.9	99.9	99.9	99.9	301.1	302.4	0.4	7.6	999.9	999.9
10.1	33.3	3226.4	675.0	-3.3	-34.0	999.9	99.9	99.9	99.9	303.9	303.1	0.3	7.1	999.9	999.9
11.1	34.9	3333.5	650.0	-6.3	-33.2	999.9	99.9	99.9	99.9	301.9	301.1	0.4	9.8	999.9	999.9
12.1	41.0	3333.5	625.0	-8.5	-31.5	999.9	99.9	99.9	99.9	302.8	304.2	0.4	13.5	999.9	999.9
13.1	43.9	4455.1	600.0	-9.0	-39.4	999.9	99.9	99.9	99.9	305.7	308.4	0.2	6.4	999.9	999.9
14.3	46.4	4674.1	575.0	-11.1	-26.7	253.3	43.0	41.2	12.3	307.0	309.4	0.7	26.4	18.6	80.
15.4	49.4	4912.9	550.0	-13.6	-24.9	257.9	34.5	31.7	8.1	308.0	310.9	0.9	38.3	21.3	79.
16.5	52.4	5166.4	525.0	-14.9	-24.1	259.7	36.5	35.9	6.5	310.6	312.7	0.6	27.7	23.7	79.
17.7	55.4	5434.0	500.0	-17.5	-31.4	255.8	41.1	39.9	10.1	311.8	313.6	0.5	28.2	26.2	79.
18.9	58.5	5616.0	475.0	-20.0	-35.4	252.0	43.0	40.9	13.3	313.3	314.6	0.4	23.6	29.8	79.
20.1	61.4	5814.9	450.0	-22.8	-39.0	248.2	39.4	36.6	18.6	314.6	315.6	0.3	21.0	32.3	78.
21.2	65.1	6111.9	425.0	-24.0	-41.7	246.7	47.4	43.5	18.7	315.6	316.4	0.2	21.3	35.4	77.
22.5	68.1	6407.6	400.0	-24.0	-47.2	246.7	46.8	43.0	18.5	317.2	317.7	0.1	15.2	38.9	76.
24.0	71.7	7256.4	375.0	-32.9	-50.2	247.9	50.0	46.3	18.8	317.9	318.3	0.1	15.7	43.3	75.
25.1	75.4	7556.9	350.0	-36.8	-52.5	247.1	48.1	44.5	18.8	314.0	319.3	0.1	17.6	47.0	75.
26.9	79.1	8214.9	325.0	-41.4	-50.9	246.4	54.1	49.6	21.7	319.6	320.9	99.9	99.9	52.4	74.
29.7	83.2	9027.7	300.0	-46.2	-50.9	243.0	48.1	43.1	21.9	320.2	320.9	99.9	99.9	56.9	73.
30.5	87.2	9426.7	275.0	-51.0	-50.9	240.1	51.4	48.9	25.8	321.3	321.3	99.9	99.9	62.9	72.
32.7	91.4	10438.4	250.0	-54.5	-50.9	236.6	58.8	49.0	32.4	321.5	321.5	99.9	99.9	69.9	70.
35.1	95.6	11106.1	225.0	-54.5	-50.9	234.4	52.7	40.0	38.3	326.8	326.8	99.9	99.9	77.5	69.
37.8	101.4	11930.9	200.0	-54.5	-50.9	234.3	64.1	54.6	33.6	326.5	326.5	99.9	99.9	87.2	67.
40.4	107.0	12736.3	175.0	-55.1	-50.9	233.9	59.6	53.5	26.2	350.0	350.0	99.9	99.9	98.5	66.
44.1	113.0	13433.4	150.0	-59.0	-50.9	244.7	65.5	59.2	28.0	367.4	367.4	99.9	99.9	109.5	66.
48.0	119.7	14092.3	125.0	-63.9	-50.9	246.5	50.1	45.9	28.0	378.3	378.3	99.9	99.9	123.4	66.
52.5	127.1	15174.1	100.0	-65.4	-50.9	240.8	54.7	47.8	26.7	400.9	400.9	99.9	99.9	135.1	66.
58.5	136.3	17406.7	75.0	-65.4	-50.9	282.7	62.8	60.0	-1.4	435.8	435.8	99.9	99.9	148.2	66.
60.3	144.7	18176.5	50.0	-64.1	-50.9	292.5	72.8	67.7	-3.3	492.4	492.4	99.9	99.9	157.4	67.
78.4	155.3	24549.3	25.0	-62.5	-50.9	240.9	15.5	13.4	12.2	605.0	605.0	99.9	99.9	166.3	68.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

67 395. 1

TIME MIN	CNCT	WGT G/M	PULS /M	TEMP DG C	DRW DT DG C	DIR DG	SPEED M/SEC	U CIMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.1	1.0	1014.5	21.1	17.3	170.0	3.1	-0.5	3.1	294.7	320.9	12.4	79.0	0.0	0.
0.5	6.5	124.5	1300.0	18.9	15.2	340.1	2.5	0.8	-2.3	293.5	322.0	11.0	79.5	0.2	5.
1.0	6.7	342.7	975.0	17.1	15.2	255.2	1.7	1.7	0.4	293.8	323.1	11.2	88.9	0.1	22.
2.0	10.4	504.3	910.0	15.7	14.1	266.8	3.0	3.0	0.2	294.6	322.7	10.7	90.0	0.3	41.
2.8	13.1	700.7	925.0	14.1	12.0	265.8	4.4	4.2	-1.2	295.2	320.5	9.6	85.9	0.4	66.
3.7	15.1	1022.3	900.0	12.7	10.1	271.2	7.5	7.5	-0.4	295.8	318.9	8.7	84.2	0.6	79.
4.6	17.5	1254.8	875.0	11.5	8.6	278.8	9.2	9.1	-1.4	296.8	318.5	8.1	82.4	1.1	87.
5.5	19.1	1511.1	850.0	10.5	6.3	282.7	10.7	10.6	1.3	298.1	317.3	7.1	74.9	1.6	89.
6.4	22.1	1742.5	825.0	9.3	2.9	285.3	14.1	13.8	3.6	299.2	315.1	5.7	64.2	2.3	86.
7.3	24.3	2018.2	800.0	8.4	-11.3	285.5	18.5	17.9	4.6	300.4	306.4	2.0	23.4	3.1	83.
8.1	26.3	2270.1	775.0	7.9	-22.0	285.6	18.4	16.2	4.7	302.4	305.1	0.9	10.1	4.2	81.
9.1	29.4	2535.3	750.0	6.3	-37.9	287.2	16.7	16.2	3.7	303.5	304.1	0.2	2.4	5.2	80.
10.0	31.1	2811.9	725.0	4.4	-34.5	263.2	15.3	15.2	1.8	304.3	305.0	0.2	2.9	6.1	80.
11.0	34.6	3078.6	700.0	2.9	-40.0	268.3	16.6	16.6	0.5	305.7	306.3	0.2	2.5	7.0	81.
12.1	37.0	3341.3	675.0	0.7	-31.6	269.7	19.0	19.0	0.1	306.4	307.8	0.4	6.7	8.1	82.
13.2	39.1	3614.2	650.0	-1.2	-28.4	268.1	21.9	21.9	0.7	307.6	309.5	0.6	10.6	9.5	83.
14.3	42.4	4033.6	625.0	-3.4	-25.3	263.6	22.5	22.4	2.5	308.6	311.2	0.8	17.0	11.0	84.
15.5	45.1	4331.9	600.0	-5.7	-25.0	257.3	22.7	22.7	5.0	309.6	312.3	0.8	20.2	12.6	83.
16.6	46.0	4600.7	575.0	-7.7	-25.6	259.5	23.3	23.9	4.0	311.0	313.7	0.8	22.2	14.3	82.
17.0	51.0	5000.0	550.0	-9.4	-30.0	260.1	23.3	23.0	3.9	313.0	314.9	0.6	16.7	16.0	82.
18.1	54.1	5342.2	525.0	-11.0	-32.9	255.4	26.0	25.1	6.6	315.2	316.8	0.4	14.3	17.9	82.
20.1	57.0	5711.8	500.0	-13.7	-30.8	250.8	28.2	28.6	9.3	316.4	317.5	0.3	12.1	19.6	81.
21.5	60.1	6113.2	475.0	-16.8	-30.2	246.7	29.5	25.0	12.2	317.1	318.1	0.3	12.3	21.7	80.
22.4	63.7	6527.4	450.0	-20.2	-41.5	246.2	27.4	25.1	11.0	317.8	318.6	0.2	12.8	23.7	70.
24.1	66.1	6942.8	425.0	-23.7	-43.5	247.7	31.8	29.4	12.1	318.6	319.2	0.2	14.1	26.1	77.
25.7	70.4	7347.5	400.0	-27.5	-40.6	999.3	99.9	99.9	99.9	319.2	319.7	0.1	14.2	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISS

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

154 23. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	100.9	1003.0	16.4	6.0	300.0	4.2	3.6	-2.1	240.1	305.6	5.8	50.0	0.0	0.
0.0	5.8	125.5	1000.0	16.5	6.4	261.0	1.1	1.1	0.2	290.4	306.4	6.0	51.1	0.2	56.
0.0	7.7	340.9	975.0	15.2	6.0	212.8	1.7	0.9	1.4	291.3	307.4	6.0	54.1	0.4	108.
1.5	9.7	560.1	950.0	13.1	4.9	275.8	6.5	6.4	-0.7	291.4	306.7	5.7	56.6	0.6	103.
2.2	11.5	744.0	925.0	11.0	3.4	272.6	7.3	7.3	-0.3	291.2	305.5	5.3	59.6	0.9	100.
2.9	13.3	1011.9	900.0	8.9	3.1	271.1	7.9	7.9	-0.2	291.4	305.8	5.4	67.8	1.2	98.
3.7	15.5	1244.4	875.0	6.5	2.6	275.8	9.4	9.4	-0.9	291.2	305.4	5.3	76.0	1.6	96.
4.6	17.3	1531.5	850.0	4.3	-0.6	282.1	10.4	10.2	-2.2	291.2	303.0	4.3	70.5	2.2	97.
5.6	19.6	1723.6	825.0	1.9	-2.8	274.3	12.8	12.7	-2.1	291.1	301.5	3.6	71.0	2.8	98.
6.4	21.0	1971.8	800.0	1.5	-10.5	280.8	15.9	15.6	-3.0	293.0	299.3	2.2	41.3	3.5	98.
7.1	23.9	2224.5	775.0	3.9	-14.7	276.6	20.1	20.0	-2.3	298.2	302.9	1.6	24.2	4.3	99.
8.1	25.9	2464.1	750.0	2.4	-13.0	270.7	24.5	24.5	-0.1	293.4	305.0	1.9	31.1	5.6	98.
9.1	28.3	2767.6	725.0	1.0	-13.3	264.6	28.0	27.9	2.6	300.8	306.4	1.9	33.5	7.2	95.
10.0	30.7	3041.1	700.0	-1.5	-17.5	259.4	34.2	34.2	5.1	301.0	305.2	1.4	28.3	8.7	93.
10.9	33.1	3310.4	675.0	-3.7	-21.8	254.3	38.4	38.4	7.6	301.6	304.7	1.0	23.0	10.2	90.
11.9	35.5	3671.4	650.0	-6.2	-20.9	252.1	42.2	42.2	9.0	302.0	305.4	1.1	30.0	11.9	88.
12.9	38.0	4044.4	625.0	-9.2	-21.4	252.9	46.1	46.1	9.3	302.1	305.5	1.1	36.0	13.5	86.
13.9	40.5	4424.3	600.0	-12.8	-22.8	254.0	50.0	50.0	10.0	305.5	309.7	1.0	32.2	15.7	84.
15.1	43.2	4807.9	575.0	-10.7	-19.9	253.4	54.5	54.5	11.0	307.5	311.4	1.4	46.8	18.2	83.
16.1	46.0	5191.1	550.0	-13.0	-21.5	254.7	58.9	58.9	10.5	308.8	312.7	1.2	48.8	20.6	82.
17.4	49.0	5573.7	525.0	-15.9	-24.1	254.0	63.4	63.4	9.5	309.3	312.6	1.0	49.2	23.5	81.
18.4	51.4	5941.4	500.0	-18.1	-26.9	254.0	67.9	67.9	11.4	310.8	313.6	0.8	46.6	26.3	80.
19.7	54.9	6301.8	475.0	-21.0	-29.6	252.3	72.4	72.4	12.3	312.0	314.3	0.7	45.7	29.1	80.
20.9	57.3	6670.5	450.0	-23.7	-32.2	249.5	76.9	76.9	13.1	313.4	315.3	0.6	45.1	32.0	79.
22.4	61.1	7041.0	425.0	-27.4	-35.0	248.1	81.4	81.4	16.2	315.2	316.7	0.5	43.6	35.1	78.
23.8	64.7	7411.5	400.0	-29.5	-38.5	245.7	85.9	85.9	19.1	316.6	317.7	0.3	41.1	39.5	77.
25.4	68.2	7777.8	375.0	-33.0	-41.4	244.4	90.4	90.4	20.6	317.2	318.1	0.3	44.5	43.0	76.
27.0	71.3	8140.6	350.0	-37.9	-45.0	244.3	94.9	94.9	22.2	317.6	318.3	0.2	46.8	48.3	74.
28.7	75.8	8514.8	325.0	-42.0	-49.9	243.2	99.4	99.4	23.9	318.8	319.9	0.2	49.9	53.6	73.
30.7	80.1	8890.9	300.0	-47.1	-54.9	242.1	103.9	103.9	21.7	319.0	319.9	0.9	49.9	60.2	73.
32.7	84.4	9261.1	275.0	-52.0	-59.9	245.6	108.4	108.4	21.7	320.0	319.9	0.9	49.9	66.1	72.
34.7	89.0	9631.9	250.0	-56.2	-64.9	238.0	112.9	112.9	21.8	322.6	319.9	0.9	49.9	71.4	71.
37.0	94.4	10011.3	225.0	-56.4	-69.9	235.4	117.4	117.4	23.7	332.1	319.9	0.9	49.9	77.8	70.
39.5	99.4	10444.5	200.0	-55.4	-74.9	234.4	121.9	121.9	29.6	345.0	319.9	0.9	49.9	85.8	69.
42.4	105.8	10894.7	175.0	-54.4	-79.9	241.2	126.4	126.4	28.7	360.1	319.9	0.9	49.9	96.2	68.
45.3	112.5	11374.2	150.0	-54.2	-84.9	242.3	130.9	130.9	25.8	368.2	319.9	0.9	49.9	105.1	67.
49.7	120.0	11910.4	125.0	-61.1	-99.9	241.0	135.4	135.4	25.1	380.8	319.9	0.9	49.9	115.6	66.
54.4	128.0	12475.8	100.0	-65.7	-99.9	250.0	140.9	140.9	16.1	400.8	319.9	0.9	49.9	129.3	67.
59.7	140.3	13016.2	75.0	-68.6	-99.9	236.7	145.4	145.4	16.1	429.2	319.9	0.9	49.9	138.4	66.
67.6	147.5	13544.6	50.0	-64.9	-99.9	271.5	150.9	150.9	-0.3	490.5	319.9	0.9	49.9	150.0	67.
80.5	157.1	14648.0	25.0	-62.5	-99.9	99.9	99.9	99.9	99.9	605.4	319.9	0.9	49.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

132 105. 1

TIME MIN	CNTCT	WGT GPM	PHYS MM	TEMP DG C	DLM PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.6	5.0	1014.0	21.1	7.1	340.3	3.6	1.2	-3.4	293.9	311.1	6.4	41.0	0.0	0.
0.3	4.4	125.0	1000.0	19.7	5.1	340.9	99.9	99.9	99.9	293.6	308.6	5.5	38.2	999.9	999.
1.2	6.4	342.0	975.0	17.4	4.3	340.9	99.9	99.9	99.9	293.4	307.9	1.4	42.0	999.9	999.
1.9	6.3	562.0	950.0	15.1	4.3	340.9	99.9	99.9	99.9	293.3	308.1	5.5	48.3	999.9	999.
2.7	10.3	784.0	925.0	13.4	4.0	340.9	99.9	99.9	99.9	293.8	308.7	5.5	53.0	999.9	999.
3.5	13.2	1014.0	900.0	11.2	2.2	288.8	4.3	4.1	-1.4	291.7	307.3	5.0	53.8	0.6	147.
4.3	15.4	1252.4	875.0	9.3	0.7	297.5	3.6	3.2	-1.7	294.0	306.6	4.6	54.8	0.9	139.
5.1	17.3	1492.0	850.0	7.0	-10.2	297.1	7.6	6.8	-3.5	294.8	300.9	2.1	26.6	1.2	136.
5.9	20.0	1737.7	825.0	7.0	-19.1	286.0	12.4	11.9	-3.4	296.1	299.2	1.0	13.5	1.7	129.
6.8	22.2	1990.9	800.0	7.3	-18.1	270.9	15.7	14.7	-0.2	299.0	302.7	1.2	15.2	2.3	120.
7.4	24.6	2251.3	775.0	5.6	-8.7	262.5	18.6	18.5	2.4	300.2	307.6	2.6	34.8	3.1	110.
8.5	27.3	2518.7	750.0	4.2	-12.4	260.4	20.5	20.2	3.4	301.4	307.1	1.9	27.6	4.0	103.
9.4	29.3	2744.4	725.0	4.1	-26.2	260.4	21.2	20.9	3.5	304.0	305.0	0.6	8.8	5.1	98.
10.5	32.1	3078.4	700.0	1.3	-22.7	262.0	22.0	21.8	3.1	304.1	306.9	0.9	15.0	6.4	94.
11.5	34.3	3349.7	675.0	-1.2	-17.9	262.3	24.5	24.2	3.3	304.4	308.7	1.4	26.8	7.6	92.
12.4	37.1	3670.7	650.0	-2.4	-15.4	259.1	27.3	26.8	5.1	306.4	312.0	1.8	37.2	9.3	90.
13.6	40.2	3940.4	625.0	-4.8	-9.6	255.4	30.0	29.4	7.6	307.3	316.1	3.0	68.7	11.2	88.
14.6	42.9	4300.4	600.0	-7.2	-14.3	257.2	31.3	30.5	6.9	308.0	314.4	2.1	56.7	13.1	86.
15.8	45.4	4631.1	575.0	-9.0	-21.3	257.0	34.1	33.2	7.7	309.5	313.4	1.2	36.0	15.5	85.
16.9	48.9	4973.0	550.0	-11.3	-22.7	257.0	31.7	30.2	7.1	310.8	314.3	1.1	31.0	17.8	84.
18.1	51.4	5329.4	525.0	-12.9	-22.4	259.1	30.7	30.1	5.8	313.0	316.8	1.2	43.1	19.8	83.
19.1	55.3	5700.4	500.0	-14.6	-25.4	257.1	31.5	30.7	7.0	315.1	318.1	0.9	38.4	22.1	83.
20.6	58.1	6047.0	475.0	-17.6	-30.9	257.3	32.1	31.4	7.1	316.2	318.6	0.6	29.9	24.4	82.
22.0	61.7	6444.1	450.0	-20.8	-34.9	257.5	32.9	32.1	7.1	317.1	318.6	0.4	26.8	27.3	82.
23.3	65.1	6839.0	425.0	-23.9	-39.6	254.4	34.1	33.3	6.7	318.4	319.4	0.3	21.8	30.0	81.
24.8	68.3	7144.4	400.0	-27.3	-43.1	254.1	33.0	31.7	9.0	319.5	320.3	0.2	20.5	33.2	81.
26.3	72.5	7409.6	375.0	-31.5	-47.1	253.5	36.3	34.8	10.3	319.8	320.4	0.1	19.6	36.3	80.
27.9	76.4	7703.5	350.0	-35.9	-47.1	254.1	37.6	36.2	10.3	320.3	320.8	0.1	27.5	39.7	80.
29.4	80.3	8003.4	325.0	-40.3	-49.1	255.5	39.1	37.3	7.5	321.2	321.9	99.9	99.9	43.2	79.
31.1	85.1	8343.4	300.0	-45.4	-49.9	259.3	37.9	37.3	6.6	321.3	321.9	99.9	99.9	46.9	79.
33.4	90.1	8716.9	275.0	-50.6	-49.9	258.3	30.7	29.8	7.3	321.9	321.9	99.9	99.9	51.3	79.
35.5	94.3	9032.4	250.0	-54.5	-49.9	254.4	29.4	28.3	7.9	325.1	325.1	99.9	99.9	54.9	79.
37.6	100.4	11234.1	225.0	-54.0	-49.3	247.6	38.1	35.2	14.5	332.8	332.8	99.9	99.9	59.2	78.
40.0	106.3	11952.1	200.0	-56.2	-49.9	236.0	39.0	32.3	21.8	343.8	343.8	99.9	99.9	65.0	77.
42.4	112.5	12749.1	175.0	-57.5	-49.9	235.4	50.0	45.5	20.8	355.1	355.1	99.9	99.9	72.0	75.
44.1	119.1	13720.7	150.0	-59.4	-49.4	236.3	24.8	20.7	12.9	367.8	367.8	99.9	99.9	79.8	74.
50.0	127.1	14972.9	125.0	-63.2	-49.9	242.9	49.3	43.9	22.5	380.6	380.6	99.9	99.9	88.8	73.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SMREVPONT, LA

5 FEBRUARY 1975  
2115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

196 16. 1

TIME MIN	CNTCT	HEIGHT GP4	PRES MB	TEMP CG C	DW PT UC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	79.0	1008.5	7.2	3.4	320.0	6.2	4.0	-4.7	280.3	292.8	4.9	77.0	0.0	0.
0.2	5.4	148.4	1000.0	7.0	3.2	273.9	0.3	0.2	0.2	280.8	293.2	4.8	76.5	0.4	112.
0.9	8.1	370.3	975.0	5.1	3.4	207.4	2.9	2.6	-1.4	281.0	293.9	5.0	88.3	0.5	137.
1.7	10.4	554.0	950.0	3.2	2.8	208.5	8.3	7.3	-4.0	281.1	293.4	4.8	94.3	0.8	131.
2.5	12.0	783.9	925.0	1.7	1.0	281.3	7.1	6.9	-1.4	281.6	293.2	4.5	95.6	1.1	124.
3.2	15.3	1034.2	900.0	0.4	-4.8	204.4	0.0	7.6	-7.0	282.3	290.3	3.0	68.1	1.4	119.
4.1	17.2	1232.1	874.0	4.5	-13.4	281.2	11.0	10.8	-2.1	288.7	293.1	1.5	25.7	1.9	116.
4.8	19.7	1467.4	850.0	3.6	-15.9	273.8	13.2	13.2	-0.9	290.0	293.8	1.3	22.5	2.4	111.
5.7	22.3	1732.3	825.0	2.5	-17.1	268.1	13.9	11.4	0.5	291.4	295.0	1.2	21.8	3.1	106.
6.5	24.5	1977.4	800.0	0.4	-14.1	270.2	15.7	15.7	-0.0	292.2	296.8	1.6	31.1	3.8	103.
7.5	26.4	2211.7	774.0	-0.7	-16.4	272.2	17.3	17.3	-0.7	293.2	297.2	1.4	29.2	4.7	101.
8.3	29.5	2472.7	750.0	-2.6	-21.0	270.1	20.0	20.0	-0.1	293.8	296.8	1.0	23.3	5.7	99.
9.2	32.2	2740.9	725.0	-3.5	-28.4	267.2	23.1	21.1	1.1	295.7	297.3	0.5	12.4	6.7	98.
10.1	35.3	3017.4	700.0	-4.8	-25.6	265.8	27.0	20.9	2.0	297.3	299.4	0.7	17.7	8.0	96.
11.0	37.5	3332.9	674.0	-6.2	-36.3	264.3	30.6	30.4	2.3	298.7	300.1	0.4	12.5	9.7	94.
12.3	40.1	3637.7	650.0	-8.6	-54.1	261.7	34.6	34.2	5.0	301.5	301.6	0.0	1.0	11.6	92.
13.0	43.1	3933.5	625.0	-7.2	-24.5	258.7	38.0	37.3	7.4	304.3	305.9	0.8	23.6	13.8	90.
14.1	46.0	4220.5	600.0	-2.1	-24.5	257.1	38.4	37.5	8.4	305.7	308.5	0.9	27.3	16.2	88.
15.1	49.1	4538.7	575.0	-10.9	-41.6	257.4	38.4	37.6	8.1	307.2	307.8	0.2	6.1	18.5	87.
16.3	52.1	4840.4	550.0	-13.4	-26.1	257.7	35.7	34.9	7.6	308.3	310.9	0.8	33.2	21.1	86.
17.5	55.1	5140.4	525.0	-4	-25.0	255.4	35.5	34.4	8.9	308.8	311.7	0.9	43.6	23.5	85.
18.4	58.1	5436.8	500.0	-11.6	-26.9	257.6	41.6	40.7	9.0	310.4	313.2	0.8	48.0	26.5	84.
20.1	61.9	5947.5	475.0	-21.9	-27.7	256.4	37.0	36.0	8.7	310.9	313.6	0.8	58.9	29.8	83.
21.6	65.0	6347.0	450.0	-25.0	-27.0	255.7	43.8	42.5	10.8	311.8	315.2	0.7	65.2	33.2	82.
23.0	68.1	6746.9	425.0	-27.0	-32.2	254.1	41.0	39.4	11.2	314.4	316.5	0.6	62.7	36.4	82.
24.5	71.7	7130.3	400.0	-30.1	-51.5	253.0	42.1	40.3	12.3	315.8	318.1	0.1	10.4	40.4	81.
25.9	74.9	7540.5	375.0	-34.5	-50.9	252.6	42.2	41.2	9.1	315.8	318.2	0.1	16.9	44.3	81.
27.6	79.7	8163.7	350.0	-39.1	-49.5	252.7	36.8	36.0	6.6	315.9	316.3	0.1	31.9	47.7	80.
29.3	83.1	8667.6	325.0	-43.1	99.9	261.6	48.8	48.3	7.1	317.3	349.9	99.9	99.9	52.5	80.
31.2	87.7	9132.0	300.0	-47.4	99.9	264.9	45.5	45.4	4.1	318.6	349.9	99.9	99.9	56.9	81.
33.5	92.7	9771.1	275.0	-51.9	99.9	260.9	39.2	38.7	6.2	320.1	349.9	99.9	99.9	64.1	81.
35.9	96.4	10303.0	250.0	-55.5	99.9	259.6	58.4	57.4	10.5	323.5	349.9	99.9	99.9	71.1	81.
38.5	101.7	11011.5	225.0	-57.1	99.9	251.1	33.1	31.5	10.9	330.7	349.9	99.9	99.9	77.6	80.
41.0	107.0	11730.3	200.0	-55.7	99.9	250.4	36.8	34.7	12.4	344.5	349.9	99.9	99.9	83.6	80.
44.4	112.3	12470.0	175.0	-55.5	99.9	250.4	67.4	63.9	22.7	358.3	349.9	99.9	99.9	93.3	78.
48.4	119.1	13278.0	150.0	-54.4	99.9	249.4	39.0	36.5	13.7	369.5	349.9	99.9	99.9	102.6	78.
53.0	124.4	14261.0	125.0	-62.5	99.9	251.4	60.8	57.4	19.0	381.9	349.9	99.9	99.9	115.5	77.
58.7	133.1	15337.5	100.0	-63.4	99.9	255.1	35.0	35.0	9.3	404.4	349.9	99.9	99.9	129.1	76.
65.5	141.0	16455.5	75.0	-64.8	99.9	248.1	29.8	27.8	11.1	417.1	349.9	99.9	99.9	150.2	76.
74.0	149.1	17376.5	50.0	-65.4	99.9	256.0	10.5	29.6	7.4	489.9	349.9	99.9	99.9	150.3	76.
84.2	157.0	24133.1	25.0	-62.7	99.9	254.5	17.6	17.1	4.1	604.5	349.9	99.9	99.9	185.8	77.

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 PV TEMP MEANS TEMPERATURE (IN TIME HAVE BEEN INTERPOLATED

00 HV SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 255  
VICTORIA, TX

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

181 16. 1

TIME MIN	CNTCT	HEIGHT GM	PHYS MM	TIME DG C	DEW PT DG C	DIR NG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	11.0	1011.3	19.0	10.0	20.0	7.2	-2.5	-6.6	292.2	312.5	7.7	56.0	0.0	0.
0.5	5.9	12.0	1000.0	17.5	9.4	35.5	2.4	0.3	-2.6	291.5	311.5	7.5	59.8	0.4	193.
1.0	7.7	14.0	970.0	15.0	8.7	22.2	6.0	-2.3	-5.5	291.0	311.3	7.4	64.0	0.5	192.
1.5	9.4	16.0	950.0	14.1	9.2	48.9	6.1	-4.6	-4.0	292.5	312.9	7.7	72.5	0.8	201.
2.0	11.3	18.0	925.0	12.0	9.8	82.8	4.7	-4.7	-0.6	292.6	313.0	7.7	80.5	1.1	211.
2.5	14.1	20.0	900.0	10.0	6.4	123.1	3.0	-2.5	1.6	293.6	312.1	7.0	76.5	1.1	222.
3.0	17.1	22.0	875.0	12.0	-8.2	232.3	3.2	2.7	1.7	296.6	303.3	2.4	23.4	1.1	224.
3.5	19.8	24.0	850.0	11.0	-8.5	260.8	4.8	4.7	0.4	297.9	304.9	2.4	24.8	0.9	218.
4.0	20.9	25.0	825.0	9.4	-7.3	244.1	7.1	6.4	3.1	298.9	306.1	2.5	28.4	0.7	199.
4.5	22.3	26.0	800.0	7.4	-7.4	247.1	9.3	4.6	3.0	301.0	304.0	2.5	30.8	0.5	191.
5.0	25.3	27.0	775.0	4.7	-7.9	241.0	12.9	11.2	6.2	303.6	311.6	2.7	29.8	0.8	102.
5.5	27.6	28.5	750.0	7.7	-7.4	245.1	15.0	13.6	6.3	305.3	313.7	2.8	32.2	1.5	79.
6.0	30.1	30.0	725.0	4.6	-5.7	251.7	15.8	15.0	5.0	306.1	316.2	3.4	43.8	2.4	76.
6.5	32.7	32.0	700.0	2.6	-6.0	251.4	18.2	15.4	5.2	305.9	316.1	3.5	53.1	3.3	75.
7.0	35.2	33.0	675.0	0.8	-8.0	246.7	16.9	15.5	6.7	306.9	316.1	3.1	51.9	4.3	74.
7.5	37.7	34.0	650.0	-1.9	-11.4	245.8	17.7	14.1	7.3	307.1	314.2	2.4	46.7	5.4	72.
8.0	40.2	35.0	625.0	-1.7	-22.4	248.4	20.8	14.4	7.7	308.3	311.7	1.1	23.2	6.5	71.
8.5	42.7	36.0	600.0	-4.7	-24.0	249.5	21.8	22.3	8.4	310.7	312.8	0.6	14.1	8.0	71.
9.0	45.4	37.0	575.0	-7.8	-24.8	254.0	22.7	21.8	6.3	310.9	313.8	0.9	24.2	9.6	71.
9.5	48.3	38.0	550.0	-10.7	-21.4	261.5	24.2	21.9	3.6	311.5	315.5	1.3	41.0	11.3	72.
10.0	51.5	39.0	525.0	-11.8	-26.7	261.8	26.4	26.1	2.8	314.3	317.0	0.6	27.7	13.3	74.
10.5	54.3	40.0	500.0	-14.0	-30.6	262.8	27.9	27.7	3.6	315.9	318.0	0.6	23.0	15.3	75.
11.0	57.0	41.0	475.0	-17.4	-35.1	263.0	26.9	26.7	3.3	316.4	317.8	0.4	19.7	17.5	76.
11.5	60.4	42.0	450.0	-19.8	-47.8	263.6	24.9	28.7	3.2	318.3	314.0	0.2	10.9	19.9	77.
12.0	64.1	43.0	425.0	-23.3	-44.6	266.2	27.8	27.7	1.8	319.0	312.7	0.2	12.0	22.5	78.
12.5	67.4	44.0	400.0	-27.5	-45.0	271.4	25.9	25.9	-0.6	319.2	314.8	0.2	17.0	25.0	79.
13.0	70.4	45.0	375.0	-31.9	-46.4	271.3	27.4	27.3	-1.6	319.3	314.8	0.1	21.0	27.4	80.
13.5	74.4	46.0	350.0	-35.9	-49.8	278.9	26.8	26.4	-4.1	320.2	320.6	0.1	22.1	30.2	81.
14.0	78.1	47.0	325.0	-40.3	-44.9	277.1	24.4	24.2	-3.7	321.1	999.9	99.9	99.9	33.2	83.
14.5	82.1	48.0	300.0	-44.9	99.9	279.0	24.4	24.1	-4.4	322.1	999.9	99.9	99.9	36.3	85.
15.0	86.1	49.0	275.0	-49.9	99.9	276.3	33.9	33.7	-3.7	322.9	999.9	99.9	99.9	40.2	86.
15.5	90.9	50.0	250.0	-55.7	99.9	277.1	37.5	37.3	-4.0	323.3	999.9	99.9	99.9	44.5	87.
16.0	95.5	51.0	225.0	-57.8	99.9	276.4	30.1	24.9	-3.6	330.0	999.9	99.9	99.9	49.0	88.
16.5	100.5	52.0	200.0	-57.2	99.9	254.4	32.7	31.6	8.6	341.1	999.9	99.9	99.9	53.3	88.
17.0	106.5	53.0	175.0	-58.0	99.9	250.5	32.3	30.5	10.8	354.2	999.9	99.9	99.9	58.8	86.
17.5	112.7	54.0	150.0	-59.8	99.9	256.1	37.1	38.0	9.4	367.2	999.9	99.9	99.9	65.8	84.
18.0	119.5	55.0	125.0	-63.6	99.9	251.4	31.8	32.0	10.7	379.8	999.9	99.9	99.9	74.5	83.
18.5	125.4	56.0	100.0	-67.2	99.9	257.4	16.7	35.8	7.3	397.8	999.9	99.9	99.9	83.7	83.
19.0	134.3	57.0	75.0	-65.3	99.9	265.7	19.1	14.0	1.4	436.0	999.9	99.9	99.9	94.7	82.
19.5	142.1	58.0	50.0	-64.4	99.9	257.6	17.8	17.3	3.8	486.1	999.9	99.9	99.9	102.6	83.
20.0	151.0	59.0	25.0	-59.4	99.9	232.4	9.0	7.2	5.4	614.0	999.9	99.9	99.9	114.3	83.

0 BY SPOFF MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

62 370. 1

TIME MIN	CMCT	HEIGHT GPS	PRES MB	TEMP DU C	DEW PT DU C	DIR DG	SPEED M/S/C	U COMP M/S/C	V COMP M/S/C	POT T DG K	E PNT V DU K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.3	39.0	971.2	1.6	-0.8	360.0	4.1	0.0	-4.1	277.5	287.1	3.7	84.0	0.0	0.
00.0	99.3	6.2	1000.0	64.9	99.9	99.9	4.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.3	9.3	975.0	40.9	99.9	99.9	4.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	9.3	576.8	950.0	6.2	-0.4	360.3	3.1	0.7	-3.0	277.9	287.7	3.8	92.7	0.4	177.
1.5	11.1	720.1	925.0	-1.7	-1.7	361.2	5.7	1.8	-5.5	278.1	287.5	3.7	99.6	0.6	173.
2.2	12.6	1000.1	900.0	-1.3	-4.0	365.2	6.5	5.3	-3.8	280.6	287.0	3.2	84.1	0.8	165.
3.0	15.6	1238.4	875.0	7.7	-12.4	277.5	9.2	6.1	-1.1	286.8	291.6	1.8	36.5	1.0	149.
3.8	17.5	1475.7	850.0	5.6	-16.0	265.5	9.9	9.8	0.8	292.2	296.0	1.3	19.3	1.3	132.
4.6	19.7	1718.2	825.0	4.2	-16.2	266.2	11.0	11.0	0.7	293.5	297.3	1.3	20.4	1.7	120.
5.4	21.7	1963.8	800.0	2.7	-16.5	266.3	11.5	11.5	0.3	294.2	299.1	1.3	22.7	2.2	112.
6.2	24.3	2212.6	775.0	1.3	-20.3	270.6	13.5	13.5	-0.1	295.3	299.3	1.0	18.2	2.7	107.
7.0	26.1	2461.3	750.0	-1.1	-17.0	280.5	16.1	16.1	1.0	295.6	299.6	1.3	28.5	3.4	104.
7.8	28.5	2711.1	725.0	-2.9	-18.1	281.4	18.2	21.0	3.9	296.5	300.3	1.3	29.7	4.3	99.
8.7	30.9	3029.1	700.0	-3.7	-20.1	281.0	20.0	24.7	3.9	298.5	301.9	1.1	26.5	5.4	95.
9.6	33.4	3318.4	675.0	-4.0	-20.8	282.1	20.8	26.6	3.7	301.2	304.6	1.1	25.6	6.8	92.
10.6	35.8	3611.4	650.0	-3.8	-24.2	285.1	28.6	24.5	2.4	304.7	306.1	0.4	9.2	8.5	91.
11.6	38.3	3929.1	625.0	-5.0	-26.7	288.3	30.8	29.7	1.9	306.8	309.0	0.7	16.4	10.0	90.
12.6	40.8	4242.1	600.0	-7.3	-26.5	288.7	30.7	30.7	1.7	307.0	309.4	0.7	20.6	12.1	89.
13.6	43.4	4571.0	575.0	-11.1	-26.3	289.0	30.4	30.3	1.8	307.1	309.0	0.6	21.2	13.9	89.
14.7	46.2	4912.5	550.0	-13.6	-26.3	289.2	27.5	27.5	2.0	308.0	310.4	0.8	31.6	16.0	89.
15.8	49.1	5252.1	525.0	-15.7	-23.7	284.5	23.5	21.4	2.3	309.7	313.1	1.1	49.7	17.2	88.
17.0	51.9	5592.4	500.0	-17.9	-25.4	284.4	20.8	20.8	5.0	311.2	314.4	1.0	52.0	20.0	88.
18.2	54.0	6010.4	475.0	-21.0	-24.7	282.3	16.6	46.2	6.1	312.0	314.4	0.7	48.7	24.0	87.
19.4	57.3	6402.4	450.0	-24.6	-29.4	284.4	37.5	37.3	3.7	312.4	314.7	0.7	61.2	26.6	87.
20.7	61.1	6821.2	425.0	-27.6	-31.1	271.7	33.2	43.2	-1.3	313.6	315.4	0.5	59.3	29.7	87.
22.0	64.5	7258.7	400.0	-31.1	-36.7	999.9	39.9	43.9	99.9	314.6	316.0	0.4	57.4	999.9	999.
23.5	67.9	7709.2	375.0	-34.7	-39.1	999.9	39.9	99.9	99.9	315.6	316.8	0.3	63.7	999.9	999.
00.0	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 15  
MIDLAND, TEX5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCT	HEIGHT GPM	PRFS M3	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	873.0	913.3	15.6	0.6	210.0	5.7	4.4	3.7	296.9	309.1	4.4	16.0	0.0	0.
00.9	00.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
49.9	99.3	44.0	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	99.4	47.4	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	12.0	937.1	900.0	14.1	-0.8	999.9	99.9	99.9	99.9	296.6	307.7	4.0	35.8	999.9	999.9
1.5	14.7	1211.4	875.0	12.0	-2.7	999.7	99.9	99.9	99.9	296.8	306.9	3.6	35.6	999.9	999.9
2.5	14.6	1475.5	850.0	9.6	-4.1	246.0	10.9	10.0	4.3	296.7	306.1	3.3	37.8	1.5	73.
3.5	18.3	1722.0	825.0	6.8	-4.8	246.4	13.3	12.3	4.9	296.2	305.4	3.3	43.3	2.2	71.
4.3	20.3	1974.0	800.0	4.7	-5.2	252.3	12.1	11.5	3.6	296.8	306.0	3.3	48.1	2.9	71.
5.2	23.2	2211.4	775.0	2.1	-6.0	257.5	11.8	11.5	2.5	296.4	305.4	3.2	55.1	3.4	72.
6.0	25.4	2445.4	750.0	-0.3	-6.6	263.1	13.3	13.2	1.6	296.7	305.5	3.1	62.4	4.0	73.
7.0	27.6	2716.5	725.0	-1.5	-9.4	269.2	17.0	17.0	0.2	298.1	306.5	2.6	55.1	4.9	75.
7.9	30.3	3015.7	700.0	-1.6	-13.7	279.8	18.9	18.6	-3.2	300.9	306.5	1.9	38.9	5.8	78.
8.9	32.0	3115.0	675.0	-1.9	-17.8	286.8	24.5	21.4	-7.1	303.7	308.0	1.4	28.5	7.0	83.
9.9	35.1	3614.8	650.0	-2.6	-18.5	286.3	30.3	29.1	-8.5	306.2	310.4	1.4	28.2	8.6	88.
11.0	37.5	3945.2	625.0	-4.2	-19.3	286.7	30.5	29.2	-8.7	307.8	311.9	1.3	29.7	10.5	91.
12.3	40.2	4265.6	600.0	-6.5	-20.0	285.5	31.3	30.2	-8.4	308.8	312.8	1.3	33.2	12.8	94.
13.5	42.7	4596.9	575.0	-8.9	-20.7	285.8	32.5	31.8	-6.6	309.7	313.7	1.3	37.7	14.9	95.
14.6	45.4	4934.4	550.0	-11.8	-21.6	286.5	31.5	30.9	-5.7	310.2	314.1	1.2	44.0	17.2	96.
15.8	48.4	5271.7	525.0	-14.5	-24.5	286.6	29.5	29.0	-5.3	311.0	314.2	1.0	42.1	19.3	97.
17.0	51.1	5661.7	500.0	-17.2	-26.7	286.8	30.2	29.7	-5.7	312.1	314.9	0.9	43.3	21.7	97.
18.3	54.3	6011.2	475.0	-20.0	-29.3	284.1	37.3	36.1	-5.1	313.3	315.6	0.7	43.0	24.2	97.
19.4	57.3	6443.1	450.0	-22.7	-32.2	289.4	37.6	35.5	-12.5	314.8	316.7	0.6	41.1	26.5	98.
20.9	60.0	6930.1	425.0	-25.5	-35.6	289.6	39.6	37.3	-13.3	316.3	317.8	0.4	38.0	30.1	100.
22.5	64.3	7277.0	400.0	-29.2	-40.1	289.9	41.5	35.1	-14.1	317.0	318.0	0.3	33.6	33.8	101.
24.1	67.4	7745.1	375.0	-33.0	-44.1	287.0	36.9	35.3	-10.8	317.9	318.6	0.2	31.6	37.5	102.
25.7	70.7	8235.8	350.0	-37.5	-46.8	288.3	43.5	41.3	-13.7	318.1	318.7	0.2	36.7	41.6	102.
27.4	74.9	8743.3	325.0	-41.5	-49.9	295.0	38.5	34.9	-16.2	319.5	319.9	99.9	99.9	46.1	103.
29.5	79.3	9240.6	300.0	-46.4	-54.9	291.5	44.7	41.8	-18.4	319.9	319.9	99.9	99.9	50.4	104.
31.2	83.0	9753.4	275.0	-50.2	-59.9	291.6	40.9	38.1	-15.1	322.5	319.9	99.9	99.9	55.0	105.
33.1	87.3	10269.1	250.0	-55.6	-64.9	287.6	44.6	42.5	-13.5	323.4	319.9	99.9	99.9	60.0	105.
35.2	92.4	11170.2	225.0	-60.1	-69.9	285.3	41.6	40.1	-10.9	326.4	319.9	99.9	99.9	66.2	105.
37.7	97.4	11943.6	200.0	-61.0	-69.9	289.2	55.2	52.1	-18.2	336.2	319.9	99.9	99.9	73.2	105.
40.1	103.3	12734.9	175.0	-54.3	-64.9	286.2	42.6	40.4	-13.3	336.4	319.9	99.9	99.9	81.3	106.
43.5	109.3	13682.8	150.0	-58.2	-69.9	280.0	37.1	37.1	-6.5	339.9	319.9	99.9	99.9	88.6	106.
46.9	116.7	14970.4	125.0	-62.2	-69.9	277.9	38.8	38.5	-5.3	342.4	319.9	99.9	99.9	95.2	105.
50.9	125.3	16145.1	100.0	-63.5	-69.9	264.2	35.9	35.7	-3.6	405.1	319.9	99.9	99.9	102.8	104.
55.7	134.7	17345.5	75.0	-64.6	-69.9	307.6	7.4	5.9	-4.5	437.6	319.9	99.9	99.9	110.9	103.
62.6	144.5	23416.1	50.0	-61.0	-69.9	278.7	17.6	17.4	-2.7	499.9	319.9	99.9	99.9	118.2	103.
74.7	155.5	24732.6	25.0	-60.4	-69.9	282.3	18.0	17.6	-3.8	611.2	319.9	99.9	99.9	125.8	102.

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
MATTERAS, NC5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	4.0	1011.8	8.8	7.3	300.0	2.6	2.3	-1.3	281.8	288.0	6.3	90.0	0.0	0.
0.4	5.1	101.2	1000.0	7.9	7.9	240.3	13.2	11.5	6.5	281.9	299.0	6.7	101.7	29.0	0.1
1.1	7.2	312.1	975.0	12.9	12.9	241.6	15.3	13.4	7.3	289.4	314.3	9.7	101.3	0.5	66.
1.7	9.5	531.3	950.0	13.1	13.1	245.6	15.8	14.4	6.5	291.8	317.9	10.1	102.5	1.2	64.
2.5	1.6	755.9	925.0	12.3	12.3	254.2	17.6	17.0	4.8	293.1	318.7	9.8	102.3	1.9	66.
3.2	14.1	985.9	900.0	11.5	11.5	255.0	19.9	19.2	5.1	294.6	319.6	9.5	102.2	2.8	69.
3.9	16.3	1221.7	875.0	10.5	10.5	251.9	22.7	19.7	6.4	295.9	320.2	9.2	101.4	3.6	70.
4.7	18.8	1463.1	850.0	9.0	8.8	248.3	21.0	19.5	7.8	296.7	319.2	8.4	98.5	4.6	70.
5.5	21.2	1710.6	825.0	7.8	7.8	251.7	22.0	20.9	6.9	297.9	319.6	8.1	101.7	5.6	70.
6.2	23.7	1944.4	800.0	6.3	6.3	254.6	23.8	23.0	6.3	298.8	319.3	7.5	101.1	6.6	71.
7.0	26.1	2224.8	775.0	4.9	4.4	255.0	22.3	21.5	5.6	300.0	318.6	6.8	96.0	7.8	71.
7.9	28.7	2492.0	750.0	3.3	2.0	254.4	21.8	20.8	6.6	301.0	317.4	5.9	91.1	8.9	72.
8.8	31.4	2766.8	725.0	2.1	-0.5	248.4	22.8	21.2	8.4	302.4	316.7	5.1	82.8	10.1	71.
9.6	34.1	3049.5	700.0	0.6	-3.6	246.9	22.7	22.7	9.7	303.7	315.8	4.2	73.2	11.2	71.
10.6	36.8	3341.3	675.0	-0.7	-5.3	246.9	22.0	24.8	10.6	305.4	316.5	3.8	71.0	12.7	70.
11.5	39.6	3642.2	650.0	-1.8	-14.5	251.9	21.2	25.8	6.4	307.2	313.1	1.9	37.4	14.2	70.
12.5	42.3	3953.6	625.0	-3.1	-33.4	258.2	28.7	28.1	5.9	308.9	310.1	0.4	7.5	15.9	71.
13.5	45.3	4275.3	600.0	-4.9	-36.0	258.8	30.9	30.4	6.0	310.4	311.4	0.3	6.6	17.6	72.
14.5	48.3	4608.3	575.0	-7.1	-36.1	253.7	30.8	29.5	8.7	311.7	312.7	0.3	7.7	19.4	72.
15.4	51.1	4953.2	550.0	-9.6	-37.7	248.4	29.1	27.1	10.7	312.7	313.6	0.3	7.9	21.2	72.
16.5	54.3	5311.4	525.0	-12.2	-39.4	247.2	28.6	26.4	11.1	313.8	314.6	0.2	8.2	23.0	72.
17.5	57.4	5682.0	500.0	-14.7	-41.0	248.5	30.7	28.5	11.2	315.1	315.8	0.2	8.5	24.8	71.
18.7	60.9	6068.1	475.0	-17.7	-41.3	250.2	32.2	30.3	10.9	316.0	316.8	0.2	10.7	26.9	71.
19.7	64.3	6470.8	450.0	-20.5	-41.9	249.8	30.7	28.8	10.6	317.5	319.5	0.6	35.5	29.0	71.
21.1	67.7	6891.4	425.0	-23.5	-46.6	249.7	35.9	34.6	12.8	318.8	319.2	0.1	7.9	31.8	71.
22.3	71.2	7331.7	400.0	-26.4	-46.7	249.9	37.5	35.2	12.9	320.6	321.2	0.1	12.7	34.5	71.
23.8	75.2	7793.7	375.0	-31.0	-40.0	250.5	37.2	35.1	12.4	320.5	321.6	0.3	40.4	37.8	71.
25.3	79.2	8279.5	350.0	-34.3	-38.3	246.2	41.9	38.4	16.9	322.4	323.8	0.4	66.6	41.3	71.
26.7	83.2	8794.8	325.0	-37.3	-41.2	245.0	51.9	47.0	21.9	325.2	326.3	0.3	66.6	45.4	70.
28.2	87.5	9343.5	300.0	-41.5	99.9	241.7	49.7	41.7	23.6	326.9	99.9	99.9	99.9	50.0	70.
30.0	92.2	9927.2	275.0	-46.7	99.9	237.6	50.9	42.9	27.3	327.6	99.9	99.9	99.9	55.3	69.
31.7	96.8	10551.7	250.0	-52.4	99.9	243.0	52.2	46.5	23.7	328.2	99.9	99.9	99.9	60.8	68.
33.4	101.6	11223.6	225.0	-58.4	99.9	249.3	61.6	57.7	21.8	329.1	99.9	99.9	99.9	66.9	68.
35.6	107.6	11957.4	200.0	-59.9	99.9	250.9	63.0	59.6	20.6	337.9	99.9	99.9	99.9	74.6	68.
37.8	113.3	12797.1	175.0	-58.3	99.9	253.7	58.6	44.3	15.9	353.8	99.9	99.9	99.9	82.8	69.
41.0	119.8	13764.3	150.0	-60.4	99.9	264.8	48.2	40.0	4.2	365.1	99.9	99.9	99.9	93.8	70.
44.3	127.0	14891.9	125.0	-64.3	99.9	250.7	63.2	59.6	20.9	378.6	99.9	99.9	99.9	106.2	70.
48.7	134.3	16240.7	100.0	-67.1	99.9	254.4	73.5	70.8	19.8	398.1	99.9	99.9	99.9	122.8	71.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 16. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	246.0	984.4	7.2	7.2	240.0	2.6	2.3	1.3	282.5	299.0	6.5	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	8.5	325.1	975.0	6.7	6.5	49.5	2.4	-1.8	-1.5	282.7	298.6	6.2	98.7	0.4	62.
1.1	10.7	539.7	950.0	6.3	6.3	260.9	7.1	7.0	1.1	284.4	300.7	6.3	100.1	0.5	67.
1.9	13.0	757.6	925.0	5.8	5.6	267.4	14.3	14.3	0.7	286.0	302.1	6.2	98.6	1.2	74.
2.8	15.3	981.9	900.0	5.7	-7.5	279.5	14.4	14.2	-2.4	287.7	295.8	3.0	50.0	1.8	84.
3.6	17.4	1214.1	875.0	6.8	-22.5	271.4	18.7	16.7	-0.5	293.0	295.2	0.7	8.8	2.6	87.
4.3	19.8	1452.9	850.0	7.2	-27.3	274.7	17.1	17.0	-1.4	293.7	295.2	0.5	6.4	3.4	88.
5.1	22.1	1697.3	825.0	5.6	-34.9	272.7	15.4	15.4	-0.7	294.6	295.4	0.2	3.6	4.2	90.
6.0	24.6	1948.6	800.0	6.0	-46.2	270.8	18.8	18.8	-0.3	297.6	297.6	0.1	1.0	5.0	90.
6.9	26.9	2208.4	775.0	6.2	-46.1	270.2	25.6	25.6	-0.1	300.4	300.7	0.1	1.0	6.2	90.
7.7	29.5	2475.8	750.0	4.2	-47.4	268.3	27.0	27.0	0.8	301.1	301.3	0.1	1.0	7.6	90.
8.7	32.2	2749.9	725.0	1.7	-48.9	267.1	25.2	25.2	1.3	301.3	301.5	0.1	1.0	9.1	89.
9.6	34.8	3031.1	700.0	-0.8	-50.5	267.2	25.4	25.4	1.3	301.6	301.7	0.1	1.0	10.6	89.
10.6	37.3	3320.1	675.0	-2.7	-51.6	265.4	26.5	26.5	2.1	302.6	302.8	0.0	1.0	12.1	89.
11.6	40.1	3618.3	650.0	-4.2	-52.6	261.5	31.9	31.6	4.7	304.2	304.3	0.0	1.0	13.8	88.
12.6	42.8	3925.9	625.0	-6.5	-50.3	258.1	34.1	33.4	7.0	304.9	305.2	0.1	1.6	15.7	87.
13.5	45.6	4243.4	600.0	-9.1	-38.0	259.7	35.5	34.9	6.4	305.6	306.4	0.2	7.4	17.7	86.
14.6	48.6	4571.0	575.0	-11.6	-28.2	263.5	36.2	35.9	4.1	306.5	308.6	0.6	23.7	20.0	86.
15.9	51.5	4911.2	550.0	-12.5	-36.2	262.3	40.1	39.8	5.4	309.3	310.3	0.3	11.7	23.0	85.
17.1	54.6	5265.2	525.0	-14.1	-48.5	257.4	43.5	42.5	9.5	311.5	311.6	0.1	3.5	25.8	85.
18.5	57.6	5634.3	500.0	-16.0	-43.8	251.5	44.8	42.5	14.2	313.5	314.0	0.2	7.1	29.6	83.
19.9	61.0	6018.5	475.0	-18.7	-40.1	245.5	38.9	35.4	16.1	314.8	315.6	0.2	13.1	33.2	82.
21.2	64.4	6418.9	450.0	-22.3	-41.9	247.8	43.6	40.4	16.5	315.2	315.9	0.2	14.8	36.1	80.
22.6	67.7	6836.1	425.0	-25.8	-44.1	247.2	47.3	43.6	18.3	315.8	316.5	0.2	15.0	40.1	79.
24.2	71.0	7272.1	400.0	-29.2	-43.0	246.6	51.6	47.4	20.5	317.0	317.6	0.2	19.8	44.5	78.
25.8	74.8	7730.2	375.0	-32.8	-49.2	243.5	52.4	46.9	23.4	318.1	318.5	0.1	17.5	49.7	77.
27.5	78.7	8212.1	350.0	-36.8	-52.6	244.4	43.0	38.8	18.6	319.0	319.3	0.1	17.4	53.9	76.
29.1	82.4	8720.8	325.0	-40.7	99.9	245.5	57.8	52.6	23.9	320.5	320.5	99.9	999.9	58.6	75.
30.9	86.5	9260.4	300.0	-45.2	99.9	241.7	49.6	43.7	23.5	321.7	321.7	99.9	999.9	64.9	74.
33.1	91.0	9835.5	275.0	-48.6	99.9	241.6	62.3	54.8	29.7	324.9	324.9	99.9	999.9	72.6	72.
35.4	95.7	10460.5	250.0	-51.1	99.9	235.1	74.4	61.1	42.5	330.1	330.1	99.9	999.9	81.0	71.
37.7	100.5	11136.8	225.0	-56.9	99.9	230.7	66.7	51.6	42.3	331.3	331.3	99.9	999.9	90.7	69.
40.2	106.0	11876.2	200.0	-58.0	99.9	238.6	61.6	52.6	32.1	340.9	340.9	99.9	999.9	101.1	67.
43.3	111.5	12728.2	175.0	-54.5	99.9	245.1	84.2	76.4	35.5	360.0	360.0	99.9	999.9	112.9	67.
46.8	117.6	13705.7	150.0	-58.9	99.9	249.1	45.8	42.9	16.2	368.7	368.7	99.9	999.9	126.2	67.
50.5	125.0	14839.8	125.0	-61.3	99.9	247.2	63.5	58.6	24.6	384.0	384.0	99.9	999.9	135.1	67.
54.6	132.7	16203.5	100.0	-67.6	99.9	242.2	42.0	37.2	18.6	397.2	397.2	99.9	999.9	145.4	67.
60.2	140.8	17934.6	75.0	-67.3	99.9	248.0	53.8	49.9	20.2	431.9	431.9	99.9	999.9	160.4	67.
67.8	149.7	20390.9	50.0	-65.6	99.9	257.4	34.7	33.9	7.6	489.0	489.0	99.9	999.9	167.3	67.
80.4	159.3	24635.8	25.0	-61.9	99.9	252.7	49.9	47.7	14.9	607.1	607.1	99.9	999.9	182.4	68.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

154 16. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	275.0	978.4	1.7	1.6	230.0	3.1	2.4	2.0	277.1	288.3	4.4	99.0	0.0	0.
0.9	9.9	99.	1000.0	99.9	99.9	99.9	5.1	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	7.9	303.4	975.0	1.3	0.9	250.9	2.2	2.1	0.7	276.0	287.7	4.2	97.5	0.2	21.
0.9	9.6	511.8	950.0	-0.0	-0.7	261.3	5.5	5.4	0.8	277.7	287.5	3.8	94.8	0.5	64.
1.6	11.8	725.8	925.0	0.2	-0.5	251.0	14.7	13.9	4.8	280.1	290.5	4.0	94.9	1.0	67.
2.3	14.2	947.3	900.0	7.1	5.8	255.9	19.1	18.5	4.7	289.7	306.7	6.5	91.9	1.7	70.
3.1	16.3	1190.5	875.0	9.6	0.8	259.4	20.0	19.6	3.7	294.3	307.0	4.6	54.3	2.6	73.
3.9	18.7	1420.4	850.0	7.6	-1.9	260.5	21.1	20.8	3.5	294.7	305.6	3.9	50.7	3.6	75.
4.7	20.9	1665.5	825.0	5.6	-3.3	260.2	20.1	19.9	3.4	294.9	305.1	3.6	52.9	4.5	76.
5.5	23.4	1916.5	800.0	3.5	-4.4	260.2	20.3	20.0	3.5	295.3	305.0	3.5	56.3	5.5	77.
6.3	25.7	2173.4	775.0	1.7	-8.0	267.5	21.4	21.4	0.9	296.0	303.7	2.7	48.7	6.5	78.
7.2	28.2	2437.1	750.0	0.5	-24.2	263.7	27.4	27.2	3.0	297.2	299.6	0.8	14.4	7.7	79.
8.0	30.8	2 08.5	725.0	0.2	-49.8	260.7	32.0	31.6	5.2	299.7	299.9	0.1	1.0	9.3	80.
8.9	33.4	2989.8	700.0	0.3	-49.8	255.0	33.3	32.1	8.6	302.8	303.0	0.1	1.0	11.2	80.
9.9	35.9	3280.0	675.0	-1.7	-51.0	248.8	32.9	30.7	11.9	303.8	303.9	0.0	1.0	13.0	78.
10.7	38.6	3578.7	650.0	-4.4	-52.7	249.1	31.5	29.4	11.2	303.9	304.1	0.0	1.0	14.7	77.
11.7	41.2	3885.9	625.0	-7.0	-54.4	249.4	30.9	29.6	8.9	304.4	304.5	0.0	1.0	16.4	76.
12.5	44.1	4202.5	600.0	-9.7	-56.0	240.2	32.8	32.3	5.6	304.9	305.0	0.0	1.0	18.0	76.
13.5	47.0	4529.2	575.0	-12.1	-57.6	263.5	38.4	38.1	4.3	305.7	305.8	0.0	1.0	20.0	77.
14.4	49.9	4868.8	550.0	-12.9	-57.7	257.8	40.3	39.4	6.5	308.7	308.8	0.0	1.1	22.2	78.
15.5	52.9	5223.4	525.0	-13.8	-57.6	248.4	40.7	37.9	15.0	311.8	311.9	0.0	1.1	25.0	77.
16.7	55.9	5592.1	500.0	-16.5	-57.6	246.0	41.2	37.6	16.7	312.9	313.0	0.0	1.4	27.9	76.
17.9	59.1	5975.4	475.0	-19.7	-58.0	247.3	41.18	37.9	15.9	313.5	313.7	0.0	1.8	30.9	75.
19.2	62.5	6374.0	450.0	-23.5	-48.1	249.9	40.28	39.6	14.5	313.7	314.1	0.1	8.2	33.9	74.
20.6	65.3	6789.5	425.0	-26.6	-49.2	250.9	37.8	42.3	14.6	314.8	315.2	0.1	9.7	37.5	74.
21.9	69.3	7223.9	400.0	-30.1	-42.9	249.	37.8	46.6	17.2	315.8	316.6	0.2	27.2	41.1	74.
23.3	72.8	7679.8	375.0	-34.1	-44.8	248.7	00.58	50.3	22.0	316.4	317.0	0.2	32.8	45.8	73.
24.9	76.7	8159.0	350.0	-37.7	-49.3	246.7	55.48	50.8	21.9	317.8	318.2	0.1	28.4	51.7	73.
26.7	80.6	8665.7	325.0	-41.8	99.9	250.3	55.88	55.5	18.8	319.1	999.9	99.9	999.9	57.3	72.
28.5	84.7	9203.4	300.0	-45.4	99.9	243.5	55.54	50.8	23.0	321.3	999.9	99.9	999.9	63.6	72.
30.4	89.0	9777.4	275.0	-50.5	99.9	242.7	66.18	59.8	30.3	322.1	999.9	99.9	999.9	69.9	71.
32.0	93.8	10397.4	250.0	-52.5	99.9	242.5	67.58	59.9	31.2	329.7	999.9	99.9	999.9	76.4	70.
34.3	98.4	11070.3	225.0	-58.0	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.
36.6	103.8	11810.9	200.0	-56.2	99.9	999.9	99.9	99.9	99.9	343.7	999.9	99.9	999.9	999.9	999.
39.0	109.4	12659.4	175.0	-57.1	99.9	999.9	99.9	99.9	99.9	353.7	999.9	99.9	999.9	999.9	999.
42.3	115.5	13628.8	150.0	-58.8	97.9	999.9	99.9	99.9	99.9	365.7	999.9	99.9	999.9	999.9	999.
46.0	122.7	14767.8	125.0	-60.4	99.9	999.9	99.9	99.9	99.9	400.0	999.9	99.9	999.9	999.9	999.
49.8	130.3	16135.1	100.0	-66.1	99.9	999.9	99.9	99.9	99.9	432.9	999.9	99.9	999.9	999.9	999.
55.0	138.7	17881.7	75.0	-66.8	99.9	999.9	99.9	99.9	99.9	484.3	999.9	99.9	999.9	999.9	999.
62.4	147.3	20334.5	50.0	-67.6	99.9	999.9	99.9	99.9	99.9	505.5	999.9	99.9	999.9	176.2	71.
74.7	156.5	24500.6	25.0	-62.4	99.9	275.5	14.38	14.2	-1.4						

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

5 FEBRUARY 1975  
2315 GMT

160 19. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	180.0	989.4	10.0	8.1	250.0	2.6	2.4	0.9	284.9	302.6	6.9	88.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	6.8	302.3	975.0	10.3	7.8	2.6	0.2	-0.0	-0.2	284.2	304.2	6.9	84.6	0.3	71.
1.3	9.1	518.0	950.0	9.0	6.7	258.0	6.4	6.2	1.3	285.1	303.0	6.5	91.7	0.4	73.
2.3	11.2	737.6	925.0	5.9	5.5	265.3	10.2	10.2	0.6	286.1	302.1	6.1	97.1	0.9	77.
3.1	13.5	961.6	900.0	4.1	3.5	270.4	11.2	11.2	-0.1	286.4	300.8	5.5	96.5	1.7	81.
4.0	15.7	1190.4	875.0	2.5	2.0	270.6	12.3	12.3	-0.1	287.1	300.5	5.1	96.3	2.1	84.
4.8	18.0	1424.4	850.0	1.2	0.7	267.0	12.6	12.6	0.7	288.0	300.7	4.8	96.9	2.7	86.
5.9	20.4	1664.4	825.0	-0.2	-0.7	258.9	14.0	13.7	2.7	289.0	300.8	4.4	96.0	3.5	85.
6.7	22.6	1910.2	800.0	-1.9	-2.8	256.1	15.7	15.3	3.8	289.6	300.2	3.9	94.2	4.3	83.
7.6	25.3	2162.4	775.0	-3.3	-3.8	263.6	15.0	14.9	1.7	290.7	300.9	3.7	96.6	5.1	83.
8.4	27.7	2421.6	750.0	-4.6	-5.1	262.5	15.7	15.5	2.0	292.0	301.7	3.5	96.4	5.6	83.
9.2	30.3	2688.1	725.0	-6.0	-6.5	260.6	17.3	17.1	2.8	293.3	302.3	3.2	96.2	6.6	83.
10.1	33.1	2961.8	700.0	-8.7	-10.9	257.2	20.0	19.5	4.4	293.1	300.2	2.5	88.1	7.6	82.
11.1	35.8	3241.9	675.0	-11.7	-13.3	252.4	23.7	22.6	7.2	292.5	292.8	0.1	3.9	8.9	81.
12.3	38.7	3529.8	650.0	-13.6	-15.6	251.7	27.8	26.4	9.5	293.6	293.8	0.1	293.6	10.7	79.
13.3	41.4	3826.9	625.0	-15.6	-17.3	251.8	30.3	28.8	10.6	294.6	294.8	0.1	294.6	12.5	78.
14.3	44.4	4134.0	600.0	-17.3	-19.9	248.8	29.4	27.4	10.6	296.1	296.2	0.1	3.1	14.4	77.
15.5	47.6	4431.6	575.0	-19.5	-21.6	247.2	29.9	27.6	11.6	297.1	297.4	0.1	6.0	16.4	76.
16.6	50.6	4780.9	550.0	-21.3	-23.1	249.6	30.9	28.9	10.8	298.8	299.9	0.3	27.6	18.5	75.
18.0	53.9	5122.3	525.0	-24.1	-25.9	253.7	35.6	34.2	10.0	299.4	300.6	0.4	34.1	20.9	75.
19.2	57.1	5477.6	500.0	-25.1	-26.0	255.3	42.8	41.4	10.9	302.4	302.4	0.0	1.0	24.0	75.
20.5	60.7	5849.6	475.0	-26.3	-26.8	251.4	55.7	52.7	17.8	303.3	303.4	0.0	1.0	27.6	75.
21.9	64.3	6239.9	450.0	-27.1	-27.3	248.3	62.3	57.9	23.1	309.1	309.2	0.0	1.0	33.2	74.
23.8	68.0	6650.3	425.0	-29.2	-28.6	248.2	62.3	57.9	23.1	311.6	311.6	0.0	1.0	39.8	73.
25.6	71.7	7080.3	400.0	-33.0	-33.7	248.1	64.0	60.3	24.2	312.1	312.3	0.1	10.5	46.3	72.
27.4	75.8	7530.7	375.0	-36.9	-37.2	247.6	68.6	63.5	26.1	312.7	312.8	0.0	5.8	53.8	72.
29.4	80.1	8004.3	350.0	-40.9	-40.9	248.0	57.8	53.6	21.7	313.6	313.6	99.9	99.9	61.0	71.
31.5	84.5	8504.2	325.0	-44.7	-44.7	243.3	67.0	59.8	30.1	315.0	315.0	99.9	99.9	68.6	70.
33.6	89.0	9034.3	300.0	-49.4	-49.4	241.3	58.3	51.1	28.0	315.7	315.7	99.9	99.9	78.1	69.
36.0	93.8	9601.5	275.0	-52.1	-52.1	244.8	58.2	52.6	24.8	316.1	316.1	99.9	99.9	86.6	69.
38.6	98.6	10215.8	250.0	-53.8	-53.8	245.7	65.7	54.3	37.1	320.1	320.1	99.9	99.9	95.8	68.
41.5	104.2	10896.6	225.0	-53.0	-53.0	242.3	58.5	46.3	35.8	337.2	337.2	99.9	99.9	107.6	66.
44.5	110.0	11655.8	200.0	-52.1	-52.1	245.1	57.5	52.1	24.2	350.3	350.3	99.9	99.9	118.3	66.
48.1	116.0	12516.2	175.0	-54.7	-54.7	241.9	40.4	35.7	19.0	359.6	359.6	99.9	99.9	132.7	66.
52.0	123.0	13492.7	150.0	-58.0	-58.0	240.7	80.0	69.8	39.2	370.2	370.2	99.9	99.9	147.2	65.
56.2	130.0	14636.2	125.0	-60.7	-60.7	239.4	30.0	25.8	15.3	385.1	385.1	99.9	99.9	155.5	65.
61.6	137.7	16016.4	100.0	-62.0	-62.0	245.1	44.0	39.9	18.6	407.9	407.9	99.9	99.9	170.2	65.
67.8	145.0	17793.6	75.0	-63.1	-63.1	242.4	57.2	50.7	26.5	440.7	440.7	99.9	99.9	182.0	45.
76.8	153.3	21281.5	50.0	-65.4	-65.4	242.4	37.7	36.6	9.1	489.5	489.5	99.9	99.9	188.1	66.
91.2	162.0	2488.2	25.0	-65.3	-65.3	244.1	13.4	13.3	1.4	598.9	598.9	99.9	99.9	202.5	68.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

154 20. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	79.0	1007.1	5.6	1.2	310.0	8.2	6.3	-5.3	278.7	289.4	4.1	73.0	0.0	0.
0.1	5.6	136.9	1000.0	4.8	-0.2	271.1	1.2	1.2	-0.0	278.5	288.3	3.8	69.9	0.4	89.
0.9	8.0	347.5	975.0	2.5	0.1	276.6	2.3	2.3	-0.3	278.2	288.4	4.0	78.2	0.6	123.
1.8	10.2	552.1	950.0	0.6	-0.6	266.8	10.0	8.9	-4.5	278.3	288.2	3.9	91.6	1.0	121.
2.5	12.4	765.6	925.0	-1.3	-2.1	267.7	9.3	8.9	-2.8	278.5	287.7	3.5	91.1	1.4	119.
3.6	14.7	984.1	900.0	0.0	-3.6	262.1	11.4	11.1	-2.4	281.9	290.6	3.3	77.4	2.1	114.
4.8	16.9	1215.7	875.0	1.4	-6.6	279.7	12.6	12.4	-2.1	285.5	291.8	2.3	47.2	2.9	110.
5.8	19.3	1443.7	850.0	0.4	-14.5	278.1	13.5	13.4	-1.9	286.8	290.9	1.5	31.5	3.6	108.
6.5	21.4	1692.7	825.0	-0.5	-13.6	276.9	14.2	14.1	-1.7	288.2	292.1	1.4	30.7	4.2	106.
7.3	23.6	1928.1	800.0	-1.5	-14.6	273.2	16.4	16.4	-0.9	294.2	294.2	1.5	36.0	4.9	105.
8.2	26.1	2180.6	775.0	-2.5	-14.7	274.2	18.0	17.9	-1.3	291.3	295.6	1.6	38.5	5.9	103.
9.1	28.6	2439.8	750.0	-4.3	-20.9	275.1	19.5	19.4	-1.7	292.0	294.9	1.0	25.9	6.9	102.
10.2	31.7	2706.0	725.0	-6.2	-20.1	273.3	21.8	21.8	-1.3	292.6	295.9	1.1	32.4	8.2	100.
11.3	33.9	2979.3	700.0	-8.7	-15.2	270.6	25.9	25.9	-0.3	293.1	297.9	1.7	58.9	9.7	99.
12.4	36.3	3260.6	675.0	-10.0	-29.5	270.1	24.8	24.8	-0.0	294.5	296.1	0.5	18.4	11.5	98.
13.5	39.1	3550.1	650.0	-12.4	-38.0	272.3	23.7	23.6	-1.0	295.0	295.7	0.2	10.0	13.0	97.
14.6	41.7	3849.1	625.0	-13.7	-58.6	274.7	22.2	22.1	-1.8	296.8	296.9	0.0	1.0	14.5	96.
15.9	44.6	4157.9	600.0	-16.3	-60.2	278.7	22.4	22.1	-3.4	297.3	297.3	0.0	1.0	16.2	97.
17.1	47.6	4476.3	575.0	-19.1	-62.1	274.8	24.9	24.8	-2.1	297.6	297.6	0.0	1.0	17.9	97.
18.2	50.5	4803.4	550.0	-21.5	-63.6	265.5	28.3	28.2	2.2	298.5	298.6	0.0	1.0	19.7	97.
19.5	53.4	5147.8	525.0	-22.3	-64.1	250.7	38.4	37.9	6.2	301.6	301.7	0.0	3.3	22.1	95.
20.6	56.3	5505.7	500.0	-22.2	-64.1	253.5	49.6	47.6	14.1	305.9	306.0	0.0	1.0	25.0	93.
21.8	59.5	5882.2	475.0	-23.1	-52.6	248.4	57.2	53.2	21.1	309.3	309.6	0.1	7.7	28.7	90.
23.2	62.9	6276.2	450.0	-25.8	-63.3	248.6	57.4	53.5	20.9	310.7	310.8	0.0	3.0	33.3	86.
24.9	66.0	6687.9	425.0	-28.6	-66.2	253.0	60.1	57.5	17.6	312.3	312.4	0.0	1.0	39.3	84.
26.5	69.6	7119.5	400.0	-32.1	-56.3	253.1	54.4	52.1	15.8	313.2	313.4	0.0	7.0	44.2	83.
28.2	73.0	7571.2	375.0	-36.1	-59.9	254.2	57.7	55.5	15.7	313.7	313.8	0.0	6.5	50.2	82.
29.9	76.9	8048.7	350.0	-39.8	-59.9	254.0	59.5	57.2	16.3	315.1	315.1	99.9	99.9	55.9	81.
31.8	80.8	8548.5	325.0	-43.9	-59.9	253.6	59.0	56.6	16.6	316.2	316.2	99.9	99.9	62.5	80.
33.7	84.8	9080.4	300.0	-48.6	-59.9	251.1	61.7	58.4	20.0	316.9	316.9	99.9	99.9	69.6	79.
35.8	89.2	9647.0	275.0	-52.4	-59.9	250.7	58.1	54.8	19.2	319.3	319.3	99.9	99.9	76.1	78.
38.0	93.8	10257.0	250.0	-56.0	-59.9	254.9	53.8	51.9	14.0	322.9	322.9	99.9	99.9	84.3	78.
40.6	98.6	10935.1	225.0	-50.1	-59.9	248.9	43.4	40.5	15.7	321.7	321.7	99.9	99.9	92.1	78.
43.2	103.6	11704.7	200.0	-51.7	-59.9	246.5	56.0	51.4	22.4	331.0	331.0	99.9	99.9	99.9	77.
46.8	109.5	12563.9	175.0	-54.4	-59.9	251.0	60.9	57.6	19.8	330.1	330.1	99.9	99.9	110.8	76.
50.3	115.4	13548.5	150.0	-56.3	-59.9	251.4	60.8	57.7	19.4	373.2	373.2	99.9	99.9	124.6	75.
54.5	122.3	14698.2	125.0	-59.0	-59.9	233.7	26.9	21.7	16.0	383.3	383.3	99.9	99.9	133.2	74.
59.2	130.0	16097.9	100.0	-60.5	-59.9	232.6	59.0	56.3	17.6	410.8	410.8	99.9	99.9	144.2	74.
65.5	138.3	17880.9	75.0	-62.1	-59.9	234.0	27.3	26.3	7.5	442.8	442.8	99.9	99.9	155.9	74.
74.0	146.7	20402.1	50.0	-63.5	-59.9	259.1	32.3	31.7	6.1	494.0	494.0	99.9	99.9	167.5	74.
88.3	156.0	24655.7	25.0	-60.7	-59.9	266.5	11.2	11.2	0.7	610.1	610.1	99.9	99.9	178.3	75.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
POOR QUALITY

STATION NO. 349  
MONETTE, MO

5 FEBRUARY 1975  
2315 GMT

141 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	438.0	966.1	-6.9	-9.0	310.0	5.7	4.4	-3.7	269.1	274.3	2.0	85.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	8.5	569.3	950.0	-7.4	-8.5	303.3	8.3	6.9	-4.6	269.9	275.4	2.1	91.8	0.3	121.
1.0	10.5	776.4	925.0	-9.4	-9.5	305.6	7.2	5.9	-4.2	269.9	275.1	2.0	101.4	0.6	122.
1.9	12.6	987.5	900.0	-11.1	-11.1	307.7	7.6	6.0	-4.7	270.3	275.1	1.8	105.0	0.9	125.
2.5	14.8	1205.8	875.0	-7.0	-7.0	297.9	8.1	7.1	-3.8	276.8	283.6	2.6	104.6	1.2	125.
3.3	16.8	1432.7	850.0	-6.0	-6.0	289.5	8.4	7.9	-2.8	280.2	287.8	2.9	104.5	1.6	121.
4.0	19.1	1666.4	825.0	-6.8	-6.8	291.6	9.1	8.4	-3.3	281.7	289.2	2.8	104.6	2.0	119.
4.9	21.2	1906.5	800.0	-7.4	-7.4	298.5	8.9	7.8	-4.3	283.6	290.9	2.7	103.8	2.4	118.
5.7	23.5	2153.7	775.0	-7.9	-7.9	292.5	9.2	8.5	-3.5	285.6	293.0	2.7	102.0	2.9	116.
6.5	25.8	2408.5	750.0	-8.9	-11.9	277.7	9.0	8.9	-1.2	287.1	292.8	2.0	79.1	3.3	117.
7.4	28.2	2670.2	725.0	-10.8	-12.4	274.6	10.0	10.0	-0.8	287.8	293.5	2.0	88.0	3.7	113.
8.4	30.8	2939.0	700.0	-12.8	-12.8	285.8	13.2	12.7	-3.6	288.6	294.3	2.0	101.9	4.4	111.
9.3	33.2	3217.1	675.0	-12.8	-16.0	287.4	15.2	14.5	-4.5	291.5	296.1	1.6	76.8	5.2	111.
10.3	35.6	3504.2	650.0	-14.6	-20.8	284.1	15.8	15.3	-3.8	292.6	295.9	1.1	59.0	6.1	110.
11.2	38.1	3800.3	625.0	-16.2	-24.8	281.2	16.3	16.0	-3.2	294.0	296.4	0.8	47.3	7.1	109.
12.4	40.8	4107.0	600.0	-17.4	-27.5	275.0	16.5	16.4	-1.4	296.0	298.0	0.7	40.9	8.1	108.
13.4	43.4	4424.5	575.0	-19.9	-28.4	273.4	17.7	17.6	-1.0	296.7	298.7	0.6	46.5	9.2	106.
14.6	46.3	4752.5	550.0	-22.8	-31.0	273.0	17.0	17.0	-0.9	297.1	298.7	0.5	47.0	10.3	104.
15.8	49.3	5091.8	525.0	-25.7	-37.6	277.2	16.5	16.3	-2.1	297.6	298.5	0.3	31.4	11.6	103.
17.0	52.1	5443.1	500.0	-29.0	-40.9	271.1	17.2	17.1	-2.1	297.7	298.4	0.2	30.3	12.7	103.
18.3	55.1	5807.3	475.0	-32.4	-43.0	276.4	14.0	13.9	-1.6	297.8	298.4	0.2	33.7	14.1	102.
19.7	58.3	6185.9	450.0	-35.9	-45.7	272.4	12.5	12.5	-0.5	298.1	298.6	0.1	35.0	15.0	102.
21.0	61.5	6580.1	425.0	-39.4	-48.6	274.7	14.7	14.6	-1.2	298.5	298.9	0.1	36.4	16.1	101.
22.5	65.0	6991.6	400.0	-43.1	-50.9	272.3	15.5	15.4	-0.6	299.0	299.9	99.9	999.9	17.5	101.
24.2	68.3	7424.0	375.0	-45.1	-51.9	274.3	20.0	19.9	-1.5	301.9	299.9	99.9	999.9	19.0	100.
25.9	71.7	7884.1	350.0	-45.9	-51.9	283.4	26.7	26.5	3.1	306.9	299.9	99.9	999.9	21.5	99.
27.7	75.7	8376.0	325.0	-47.8	-51.9	286.7	32.7	31.8	7.5	310.8	299.9	99.9	999.9	24.5	98.
29.6	79.8	8903.0	300.0	-48.8	-51.9	280.1	36.8	36.3	6.3	316.6	299.9	99.9	999.9	28.3	96.
31.8	84.0	9475.1	275.0	-48.5	-51.9	285.7	38.2	37.1	9.4	324.9	299.9	99.9	999.9	33.3	92.
34.0	88.4	10100.6	250.0	-50.0	-51.9	284.7	41.1	39.6	10.8	331.7	299.9	99.9	999.9	38.2	89.
36.3	93.4	10787.2	225.0	-50.9	-51.9	287.9	42.6	41.7	9.0	340.5	299.9	99.9	999.9	44.2	87.
39.3	98.5	11552.5	200.0	-51.4	-51.9	287.5	42.6	41.6	9.2	351.4	299.9	99.9	999.9	51.1	86.
42.4	104.3	12420.7	175.0	-51.3	-51.9	285.0	43.9	42.4	11.4	365.3	299.9	99.9	999.9	58.3	85.
45.7	110.6	13415.2	150.0	-54.5	-51.9	288.9	42.6	39.7	15.3	376.2	299.9	99.9	999.9	65.2	83.
48.5	117.7	14581.8	125.0	-54.9	-51.9	281.0	28.1	27.8	4.4	395.6	299.9	99.9	999.9	73.3	82.
54.1	126.0	15998.9	100.0	-58.2	-51.9	287.3	24.7	24.1	5.4	415.4	299.9	99.9	999.9	81.0	81.
60.2	135.7	17805.5	75.0	-59.7	-51.9	271.2	24.0	24.0	-0.5	447.7	299.9	99.9	999.9	90.0	80.
68.5	146.3	20322.8	50.0	-63.2	-51.9	299.9	99.9	99.9	99.9	494.7	299.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
ANARILLO, TEX

5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.6	1095.0	889.3	-4.2	-5.3	25.0	6.2	-2.6	-5.6	278.5	286.1	2.9	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	18.0	1222.6	875.0	-5.4	-6.0	50.7	6.9	-5.3	-4.3	278.5	285.9	2.8	95.5	0.2	221.
1.3	20.5	1459.7	850.0	-7.1	-7.2	58.0	5.0	-4.3	-2.7	279.1	286.0	2.6	99.3	0.4	228.
2.1	23.0	1681.9	825.0	-8.7	-8.7	69.4	4.7	-4.4	-1.7	279.7	286.2	2.4	99.9	0.7	234.
2.9	25.5	1920.4	800.0	-9.5	-9.5	157.7	2.5	-1.0	2.4	281.4	287.6	2.3	99.4	0.8	240.
3.9	28.1	2166.4	775.0	-7.5	-7.6	215.9	11.9	7.0	9.6	286.1	293.7	2.8	99.3	0.6	285.
4.8	31.0	2423.3	750.0	-5.1	-5.2	241.6	18.8	16.5	6.9	291.5	301.0	3.5	99.2	0.5	9.
5.4	33.7	2689.9	725.0	-5.9	-6.0	251.7	20.3	19.2	6.4	293.4	302.8	3.4	99.1	1.1	44.
6.5	36.4	2963.8	700.0	-8.9	-9.1	268.1	23.3	23.2	0.8	293.0	300.7	2.7	98.2	2.4	64.
7.5	38.3	3244.6	675.0	-11.1	-11.6	277.6	24.4	24.2	-3.2	293.5	300.1	2.3	98.3	3.7	76.
8.3	42.1	3533.3	650.0	-13.6	-15.1	277.5	23.6	23.4	-3.1	293.8	299.0	1.8	88.2	4.9	82.
9.1	45.1	3830.5	625.0	-15.7	-16.8	271.8	23.7	23.7	-0.8	294.7	298.5	1.6	90.8	5.9	84.
9.7	48.3	4137.3	600.0	-18.1	-19.2	268.5	25.1	25.1	0.6	295.3	299.4	1.4	91.4	6.8	85.
10.3	51.1	4456.1	575.0	-20.2	-21.2	267.4	26.7	26.7	1.2	296.4	300.1	1.2	91.6	7.7	85.
11.2	54.4	4782.1	550.0	-22.6	-23.8	267.0	29.5	29.5	1.1	297.3	300.4	1.0	90.2	9.1	85.
12.8	57.6	5121.4	525.0	-26.3	-27.8	268.9	32.4	32.4	0.7	296.9	299.2	0.7	88.8	12.4	86.
14.6	61.0	5472.1	500.0	-28.1	-30.8	274.4	38.7	38.6	-3.0	298.8	299.9	0.3	42.7	15.9	88.
16.0	64.6	5839.5	475.0	-29.3	-32.0	276.0	38.6	38.2	-5.4	301.6	302.3	0.2	27.8	19.4	89.
17.1	68.0	6224.4	450.0	-31.2	-34.3	283.7	39.4	38.3	-9.3	303.9	304.4	0.1	20.9	21.7	90.
18.3	71.4	6624.5	425.0	-32.9	-38.4	288.3	47.9	46.4	-11.8	306.9	307.3	0.1	19.2	24.9	92.
19.9	75.3	7034.7	400.0	-33.5	-48.1	288.0	59.88	57.5	-16.5	311.3	311.8	0.1	21.2	28.9	94.
21.6	79.3	7505.2	375.0	-36.6	-49.5	288.6	63.78	61.6	-16.1	313.1	313.5	0.1	24.5	36.1	96.
23.2	83.3	7979.5	350.0	-40.4	-49.9	288.5	59.88	57.9	-15.0	314.2	314.2	99.9	99.9	42.3	98.
25.1	87.5	8480.3	325.0	-44.6	-49.9	288.5	45.98	43.4	-11.5	315.2	315.2	99.9	99.9	48.9	98.
27.1	92.0	9011.5	300.0	-48.2	-49.9	288.6	49.08	47.4	-12.3	317.4	317.4	99.9	99.9	57.0	99.
29.0	96.6	9579.7	275.0	-52.0	-49.9	288.7	63.38	61.3	-18.3	320.0	320.0	99.9	99.9	62.8	99.
31.0	101.6	10192.5	250.0	-54.7	-49.9	282.6	44.24	43.2	-9.6	324.7	324.7	99.9	99.9	71.2	100.
33.8	107.0	10699.6	225.0	-51.5	-49.9	283.9	39.98	38.7	-9.6	339.6	339.6	99.9	99.9	78.9	100.
36.6	112.4	11633.0	200.0	-53.5	-49.9	283.3	91.888	89.4	-21.1	348.0	348.0	99.9	99.9	89.6	101.
39.8	118.3	12488.3	175.0	-55.3	-49.9	322.5	0.688	5.3	-6.9	358.7	358.7	99.9	99.9	99.9	101.
43.5	125.2	13474.3	150.0	-54.2	-49.9	274.3	22.18	22.0	-1.7	362.7	362.7	99.9	99.9	105.4	101.
47.8	132.3	14638.6	125.0	-56.4	-49.9	276.0	32.68	32.4	-3.4	379.9	379.9	99.9	99.9	111.7	101.
52.5	139.8	16097.0	100.0	-59.0	-49.9	280.6	55.188	54.2	-10.1	413.8	413.8	99.9	99.9	129.0	101.
58.6	148.0	17843.0	75.0	-60.3	-49.9	270.6	31.18	31.1	-0.3	446.5	446.5	99.9	99.9	130.8	100.
66.9	157.0	20354.9	50.0	-60.6	-49.9	284.4	33.78	32.6	-8.4	500.6	500.6	99.9	99.9	141.5	100.
81.4	167.3	24619.3	25.0	-65.3	-49.9	351.8	3.68	0.5	-3.5	597.5	597.5	99.9	99.9	153.9	100.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA  
5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	4.0	1010.0	2.0	1.6	999.9	99.9	99.9	99.9	275.7	266.5	4.3	92.0	999.9	999.9
0.2	5.7	64.7	1000.0	2.2	1.8	999.9	99.9	99.9	99.9	276.0	267.0	4.4	97.0	999.9	999.9
1.0	7.9	200.0	975.0	0.9	0.8	999.9	99.9	99.9	99.9	276.6	267.1	4.1	99.1	999.9	999.9
1.8	10.3	499.3	950.0	4.9	2.7	999.9	99.9	99.9	99.9	282.8	295.6	4.9	85.6	999.9	999.9
2.5	12.5	716.5	925.0	7.3	2.5	999.9	99.9	99.9	99.9	287.4	300.6	5.0	71.2	999.9	999.9
3.4	14.9	941.9	900.0	6.7	3.9	999.9	99.9	99.9	99.9	289.2	304.2	5.7	82.4	999.9	999.9
4.1	17.1	1176.1	875.0	6.9	5.6	999.9	99.9	99.9	99.9	291.8	309.2	6.5	91.6	999.9	999.9
5.0	19.7	1414.8	850.0	6.5	5.2	999.9	99.9	99.9	99.9	293.8	311.4	6.6	91.5	999.9	999.9
5.7	22.0	1659.7	825.0	5.3	4.0	999.9	99.9	99.9	99.9	295.0	311.8	6.2	91.4	999.9	999.9
6.8	24.4	1911.5	800.0	4.7	3.5	999.9	99.9	99.9	99.9	297.0	313.8	6.2	91.4	999.9	999.9
7.5	26.9	2170.3	775.0	3.7	2.4	999.9	99.9	99.9	99.9	298.5	314.7	5.9	91.3	999.9	999.9
8.3	29.6	2436.3	750.0	1.9	0.6	999.9	99.9	99.9	99.9	299.3	314.1	5.3	91.1	999.9	999.9
9.3	32.2	2709.4	725.0	0.2	-1.1	999.9	99.9	99.9	99.9	300.4	314.1	4.9	90.8	999.9	999.9
10.1	35.1	2990.3	700.0	-1.5	-2.6	999.9	99.9	99.9	99.9	301.4	314.2	4.5	92.5	999.9	999.9
11.1	37.7	3278.1	675.0	-5.4	-41.6	999.9	99.9	99.9	99.9	299.6	301.1	0.5	12.4	999.9	999.9
12.1	40.5	3574.2	650.0	-5.7	-51.7	999.9	99.9	99.9	99.9	302.5	302.7	0.0	1.3	999.9	999.9
13.2	43.4	3880.5	625.0	-7.7	-39.0	999.9	99.9	99.9	99.9	303.7	304.4	0.2	6.0	999.9	999.9
14.2	46.5	4196.6	600.0	-9.7	-41.3	999.9	99.9	99.9	99.9	304.9	305.4	0.2	5.6	999.9	999.9
15.4	49.7	4521.6	575.0	-11.7	-56.4	999.9	99.9	99.9	99.9	306.2	306.3	0.0	1.2	999.9	999.9
16.6	52.8	4863.2	550.0	-13.2	-53.0	999.9	99.9	99.9	99.9	308.3	308.5	0.1	2.0	999.9	999.9
17.9	55.9	5215.9	525.0	-15.3	-50.2	999.9	99.9	99.9	99.9	309.9	310.2	0.1	3.2	999.9	999.9
19.4	59.4	5562.8	500.0	-17.8	-46.4	999.9	99.9	99.9	99.9	311.3	311.7	0.1	6.1	999.9	999.9
20.8	63.0	5904.9	475.0	-19.9	-46.5	999.9	99.9	99.9	99.9	313.3	313.7	0.1	7.3	999.9	999.9
22.5	66.5	6204.0	450.0	-22.6	-45.5	999.9	99.9	99.9	99.9	314.8	315.3	0.1	10.4	999.9	999.9
24.1	70.1	6780.7	425.0	-26.0	-45.6	999.9	99.9	99.9	99.9	315.6	316.1	0.1	13.7	999.9	999.9
25.6	74.0	7215.9	400.0	-29.8	-49.4	999.9	99.9	99.9	99.9	316.2	316.6	0.1	12.7	999.9	999.9
27.4	75.2	7671.9	375.0	-33.9	-48.9	999.9	99.9	99.9	99.9	316.6	317.0	0.1	20.2	999.9	999.9
29.1	87.3	8151.6	350.0	-38.0	-53.1	999.9	99.9	99.9	99.9	317.5	317.8	0.1	18.4	999.9	999.9
31.0	86.6	8657.6	325.0	-42.0	-59.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.9
31.0	91.4	9195.5	300.0	-45.6	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.9
33.2	98.2	9769.6	275.0	-49.9	99.9	999.9	99.9	99.9	99.9	323.0	999.9	99.9	999.9	999.9	999.9
37.2	101.4	10488.0	250.0	-52.6	99.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999.9
39.4	107.0	11060.6	225.0	-57.7	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.9
42.2	113.0	11803.3	200.0	-56.3	99.9	999.9	99.9	99.9	99.9	333.6	999.9	99.9	999.9	999.9	999.9
45.1	119.5	12631.8	175.0	-57.5	99.9	999.9	99.9	99.9	99.9	355.0	999.9	99.9	999.9	999.9	999.9
48.4	126.5	13622.5	150.0	-58.6	99.9	999.9	99.9	99.9	99.9	359.2	999.9	99.9	999.9	999.9	999.9
52.1	134.1	14760.2	125.0	-61.9	99.9	999.9	99.9	99.9	99.9	382.9	999.9	99.9	999.9	999.9	999.9
55.9	141.4	14119.7	100.0	-66.3	99.9	999.9	99.9	99.9	99.9	399.8	999.9	99.9	999.9	999.9	999.9
61.8	150.0	17888.2	75.0	-66.7	99.9	999.9	99.9	99.9	99.9	433.0	999.9	99.9	999.9	999.9	999.9
69.9	158.7	20331.5	50.0	-66.7	99.9	999.9	99.9	99.9	99.9	486.3	999.9	99.9	999.9	999.9	999.9
88.8	167.7	24577.1	25.0	-61.0	99.9	999.9	99.9	99.9	99.9	609.7	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

5 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	85.0	999.2	0.3	-1.3	90.0	1.5	-1.5	0.0	274.0	282.8	3.5	89.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.5	291.5	975.0	-0.7	-1.8	156.8	1.7	-0.7	1.6	274.9	283.8	3.5	92.2	0.1	291.
1.5	10.6	469.4	950.0	-0.4	-1.0	178.9	3.3	-0.1	3.3	277.3	287.0	3.8	95.7	0.2	339.
2.2	12.8	704.1	925.0	3.2	2.6	180.8	5.6	0.1	5.6	283.3	296.5	5.1	97.1	0.4	348.
3.0	15.2	927.5	900.0	4.5	3.9	188.0	8.5	1.2	8.4	286.8	301.6	5.6	96.0	0.7	354.
3.7	17.3	1156.8	875.0	3.1	2.6	194.9	9.0	2.3	8.7	287.7	301.7	5.3	96.3	1.0	1.
4.6	19.7	1392.0	850.0	3.2	2.7	201.3	12.0	4.5	11.2	290.2	304.6	5.5	96.7	1.6	7.
5.6	21.9	1634.5	825.0	3.4	2.9	213.6	11.9	6.6	9.9	292.9	308.4	5.7	96.8	2.3	14.
6.6	24.4	1884.2	800.0	2.2	1.7	223.7	13.6	9.4	9.8	294.2	309.6	5.4	96.5	2.9	20.
7.5	26.6	2140.6	775.0	1.1	0.6	230.1	16.8	12.9	10.8	295.6	309.8	5.2	96.4	3.8	26.
8.6	29.2	2403.8	750.0	-0.7	-1.3	234.7	20.3	16.6	11.7	296.4	309.2	4.6	95.7	4.8	32.
9.5	31.8	2674.1	725.0	-2.7	-3.5	236.7	22.6	18.9	12.4	297.0	308.5	4.1	94.0	6.0	37.
10.5	34.4	2951.8	700.0	-4.4	-6.6	237.6	23.8	20.1	12.7	298.0	307.5	3.4	85.4	7.3	41.
11.5	36.9	3237.9	675.0	-5.3	-15.2	236.4	24.3	20.2	13.4	300.0	305.1	1.7	45.3	8.6	43.
12.5	39.7	3533.4	650.0	-7.3	-21.2	241.9	24.7	21.8	11.7	300.9	304.2	1.1	31.9	10.1	45.
13.5	42.2	3837.6	625.0	-10.0	-18.7	247.3	27.4	25.3	10.5	301.1	303.3	1.4	48.9	11.5	48.
14.5	45.0	4151.0	600.0	-12.2	-18.0	247.3	30.0	27.7	11.6	302.2	306.9	1.5	61.5	13.2	51.
15.5	47.9	4475.3	575.0	-13.7	-47.9	243.4	30.9	27.6	13.8	303.9	304.6	0.2	9.1	14.9	53.
16.7	50.7	4812.5	550.0	-15.3	-59.6	238.4	35.4	30.2	18.6	305.9	304.0	0.0	1.0	17.3	54.
17.9	53.8	5161.9	525.0	-18.2	-61.5	238.7	33.9	28.9	17.6	306.5	306.5	0.0	1.0	20.0	54.
19.2	56.7	5524.1	500.0	-20.6	-63.0	242.7	32.4	28.7	13.9	307.9	307.9	0.0	1.0	22.3	55.
20.5	60.0	5901.9	475.0	-22.7	-64.4	248.4	37.7	35.0	13.9	309.8	309.9	0.0	1.0	25.1	56.
22.1	63.3	6297.6	450.0	-24.2	-65.3	249.2	49.4	46.1	17.6	312.8	312.9	0.0	1.0	29.5	58.
23.7	66.4	6713.5	425.0	-26.1	-66.6	247.1	51.2	47.2	20.0	315.5	315.5	0.0	1.0	33.9	59.
25.2	70.1	7148.2	400.0	-30.4	-69.4	247.8	53.78	49.7	20.3	315.4	315.4	0.0	1.0	38.3	60.
26.8	73.6	7603.4	375.0	-34.4	-69.1	245.9	52.68	48.0	21.5	316.0	316.1	0.0	1.6	43.8	61.
28.7	77.4	8081.0	350.0	-39.1	-69.9	243.1	51.88	46.2	23.5	316.0	999.9	99.9	999.9	49.9	61.
30.5	81.2	8584.8	325.0	-43.0	-69.9	242.9	54.48	48.5	24.8	317.5	999.9	99.9	999.9	55.7	62.
32.4	85.3	9119.6	300.0	-47.4	-69.9	246.5	53.18	48.7	21.2	318.5	999.9	99.9	999.9	62.5	62.
34.3	89.3	9690.4	275.0	-50.8	-69.9	245.1	62.38	56.5	26.3	321.7	999.9	99.9	999.9	68.2	62.
36.6	94.0	10305.0	250.0	-55.0	-69.9	246.1	63.38	57.9	25.6	324.3	999.9	99.9	999.9	76.3	63.
39.1	98.8	10976.9	225.0	-59.5	-69.9	241.8	64.98	57.3	30.6	333.5	999.9	99.9	999.9	86.0	63.
41.4	103.8	11728.8	200.0	-53.7	-69.9	255.5	55.28	53.5	13.7	347.7	999.9	99.9	999.9	93.1	63.
44.6	109.6	12581.1	175.0	-56.2	-69.9	254.6	47.38	45.6	12.5	357.2	999.9	99.9	999.9	102.7	64.
48.2	115.5	13556.6	150.0	-57.3	-69.9	253.3	56.388	54.0	18.2	371.5	999.9	99.9	999.9	114.4	65.
52.0	122.5	14496.5	125.0	-63.2	-69.9	257.2	36.288	35.3	8.0	380.6	999.9	99.9	999.9	124.9	66.
56.5	130.1	16061.0	100.0	-63.9	-69.9	244.8	60.488	54.7	25.7	404.3	999.9	99.9	999.9	137.9	66.
61.9	138.7	17826.8	75.0	-65.4	-69.9	263.6	13.688	13.2	-3.2	435.7	999.9	99.9	999.9	148.4	67.
69.8	147.7	20294.1	50.0	-67.0	-69.9	261.7	30.18	29.8	4.4	483.5	999.9	99.9	999.9	159.4	69.
82.3	157.7	24510.1	25.0	-62.9	-69.9	256.2	25.38	24.6	6.0	604.4	999.9	99.9	999.9	180.7	71.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

5 FEBRUARY 1975  
2115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

133 01. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	246.0	978.4	8.3	7.9	270.0	4.1	4.1	0.0	284.1	301.6	6.8	97.0	0.0	0.
0.1	99.9	246.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	7.7	274.0	975.0	8.4	7.4	243.1	2.1	2.1	1.0	284.5	301.6	6.7	93.6	0.2	37.
0.3	9.0	469.6	950.0	7.1	5.7	254.6	5.3	5.1	1.4	285.2	300.9	6.1	90.9	0.3	74.
0.4	11.7	708.6	925.0	5.4	4.1	267.4	12.0	12.0	0.5	285.5	300.0	5.6	91.4	1.0	81.
0.5	13.9	932.2	900.0	3.9	2.5	260.5	15.6	15.4	2.6	286.2	299.6	5.1	90.1	1.7	82.
0.6	16.0	1160.8	875.0	2.6	1.3	256.3	13.2	12.8	3.1	287.1	299.6	4.8	91.3	2.3	81.
0.7	18.3	1395.0	850.0	1.1	-0.1	255.3	14.4	13.9	3.7	287.9	299.9	4.5	91.7	3.0	80.
0.8	20.5	1635.2	825.0	0.2	-1.0	258.8	17.6	17.4	3.4	289.4	301.0	4.3	91.7	3.9	79.
0.9	22.8	1881.5	800.0	-1.0	-2.2	262.1	19.1	19.0	2.6	290.6	301.7	4.1	91.6	4.8	79.
1.0	25.2	2134.7	775.0	-2.4	-3.6	264.6	19.1	19.0	1.8	291.7	302.1	3.8	91.4	5.8	80.
1.1	27.4	2395.0	750.0	-3.3	-4.6	264.0	18.7	18.6	1.9	293.5	303.5	3.6	90.2	6.9	81.
1.2	30.0	2662.8	725.0	-4.8	-6.3	261.3	17.1	16.9	2.6	294.6	303.9	3.3	89.3	8.0	81.
1.3	32.6	2938.5	700.0	-6.4	-7.8	258.2	16.7	16.3	3.4	295.7	304.4	3.0	90.3	9.0	81.
1.4	35.2	3222.1	675.0	-8.2	-9.5	255.1	17.5	16.9	4.5	296.9	304.8	2.8	90.0	10.0	81.
1.5	37.7	3516.7	650.0	-9.8	-11.3	253.5	18.6	17.8	5.3	298.2	305.3	2.5	89.4	11.2	80.
1.6	40.4	3816.3	625.0	-12.2	-13.1	253.6	19.6	18.9	5.5	298.7	304.2	1.9	79.2	12.4	79.
1.7	43.1	4127.2	600.0	-14.4	-16.8	252.0	20.6	19.6	6.4	299.6	304.7	1.7	81.7	13.6	79.
1.8	46.0	4468.4	575.0	-16.9	-22.9	250.5	20.6	19.4	6.9	300.2	303.5	1.1	59.8	15.0	78.
1.9	49.0	4800.4	550.0	-19.5	-24.0	249.4	20.2	18.9	7.1	301.0	304.1	1.0	67.4	16.5	77.
2.0	51.9	5124.4	525.0	-22.2	-26.2	248.9	22.5	21.0	8.1	301.7	304.4	0.9	70.0	18.0	77.
2.1	54.8	5472.3	500.0	-25.1	-41.8	253.3	27.3	26.2	7.8	302.4	303.2	0.2	23.0	19.9	76.
2.2	58.1	5872.3	475.0	-27.1	-67.2	257.1	31.7	30.9	7.1	304.4	304.5	0.0	1.0	22.1	76.
2.3	61.4	6239.7	450.0	-29.7	-69.0	257.3	43.2	42.2	9.5	305.8	305.9	0.0	1.0	23.1	76.
2.4	65.1	6645.9	425.0	-31.5	-70.2	254.9	52.7	50.9	13.7	308.6	308.6	0.0	1.0	24.6	76.
2.5	68.4	7074.2	400.0	-32.1	-70.6	250.6	59.8	56.4	19.9	313.2	313.2	0.0	1.0	33.4	76.
2.6	72.2	7527.2	375.0	-35.1	-72.5	250.1	59.56	55.9	20.3	315.1	315.1	0.0	1.0	38.6	75.
2.7	76.2	8004.8	350.0	-38.4	-74.7	247.5	63.18	58.3	24.1	316.9	316.9	0.0	1.0	44.0	74.
2.8	80.3	8510.0	325.0	-42.4	99.9	241.7	60.08	52.8	28.5	318.2	99.9	99.9	99.9	49.7	73.
2.9	84.6	9043.5	300.0	-47.0	99.9	243.6	63.56	56.9	26.2	319.1	99.9	99.9	99.9	56.8	72.
3.0	89.0	9616.7	275.0	-50.7	99.9	246.6	58.56	53.1	23.2	321.8	99.9	99.9	99.9	64.7	71.
3.1	94.0	10237.0	250.0	-51.3	99.9	230.6	62.56	48.4	30.7	329.7	99.9	99.9	99.9	72.3	69.
3.2	99.0	10919.3	225.0	-52.1	97.9	242.6	64.56	57.4	29.8	338.6	99.9	99.9	99.9	80.3	68.
3.3	104.5	11684.6	200.0	-50.3	99.9	249.5	50.18	46.9	17.5	353.2	99.9	99.9	99.9	90.0	68.
3.4	110.6	12551.7	175.0	-53.2	99.9	240.2	50.56	43.9	25.1	362.1	99.9	99.9	99.9	98.1	68.
3.5	117.3	13536.7	150.0	-56.8	99.9	242.5	35.66	31.5	16.4	372.3	99.9	99.9	99.9	105.5	67.
3.6	124.7	14681.5	125.0	-61.4	99.9	239.1	41.36	35.4	21.2	383.8	99.9	99.9	99.9	115.4	67.
3.7	132.7	16062.8	100.0	-60.7	99.9	247.3	36.76	33.8	14.2	410.6	99.9	99.9	99.9	127.3	67.
3.8	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
JAYTON, OHIO

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

152 17. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	298.0	971.6	0.8	0.4	250.0	3.6	3.4	1.2	276.7	287.1	4.1	97.0	0.0	0.
99.9	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.3	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	9.6	481.2	950.0	3.7	3.2	227.9	4.5	3.3	3.0	281.6	294.8	5.1	96.5	0.3	75.
1.6	11.5	697.7	925.0	2.4	1.9	272.3	8.6	8.6	-0.3	282.4	294.8	4.8	96.3	0.7	78.
2.4	13.6	918.9	900.0	0.8	0.3	276.8	9.1	9.0	-1.1	282.9	294.3	4.3	96.0	1.1	86.
3.4	15.6	1145.0	875.0	-0.3	-0.8	273.3	10.1	10.1	-0.6	284.0	294.9	4.1	95.9	1.7	89.
4.3	17.8	1376.7	850.0	-1.2	-1.8	272.2	11.2	11.2	-0.4	285.4	295.9	4.0	95.7	2.2	90.
5.2	20.1	1614.5	825.0	-4	-3.0	271.3	12.0	12.0	-0.3	286.5	296.5	3.7	95.6	2.9	90.
6.1	22.1	1854.8	800.0	-4.2	-3.8	275.6	13.3	13.2	-1.3	288.2	298.0	3.6	95.9	3.5	91.
7.0	24.4	2110.0	775.0	-3.9	-4.5	276.8	11.3	11.1	-1.7	290.0	299.7	3.5	95.8	4.2	92.
8.0	26.5	2368.5	750.0	-5.4	-6.0	274.7	11.3	11.3	-0.9	291.1	300.1	3.3	95.6	4.9	93.
9.1	29.0	2633.8	725.0	-7.1	-7.7	269.3	12.4	12.4	0.2	292.0	300.3	3.0	95.4	5.6	93.
10.0	31.5	2907.2	700.0	-8.7	-9.3	264.6	12.7	12.7	1.2	293.2	300.9	2.7	95.1	6.4	92.
11.0	34.1	3188.0	675.0	-11.0	-11.6	257.7	11.9	11.6	2.5	293.6	300.2	2.3	94.0	7.1	91.
12.0	36.5	3477.5	650.0	-12.3	-13.0	249.5	13.1	12.3	4.6	295.3	301.5	2.2	94.6	7.8	89.
13.1	39.1	3774.3	625.0	-14.5	-18.0	246.0	14.3	13.1	5.8	296.0	300.4	1.5	94.7	8.6	87.
14.4	41.7	4084.4	600.0	-18.7	-22.0	243.4	15.4	13.8	6.9	296.9	300.2	1.1	93.7	9.7	85.
15.5	44.6	4403.1	575.0	-18.9	-23.1	240.4	15.0	13.1	7.4	298.0	301.1	1.0	69.0	10.6	82.
16.7	47.3	4732.6	550.0	-21.6	-28.5	237.6	16.5	15.2	6.3	298.5	300.6	0.7	54.3	11.7	80.
17.9	50.4	5073.8	525.0	-24.0	-29.7	246.4	15.4	14.1	6.2	299.7	301.6	0.6	58.7	12.8	79.
19.2	53.4	5428.1	500.0	-26.5	-32.4	240.9	16.0	14.0	7.8	300.7	302.3	0.5	57.5	14.0	78.
20.5	56.4	5796.4	475.0	-29.5	-34.9	235.1	14.7	12.1	8.4	301.4	302.8	0.4	59.4	15.1	76.
22.0	59.7	6179.6	450.0	-33.0	-39.9	240.2	14.2	12.4	7.1	301.8	302.7	0.3	49.1	16.3	75.
23.5	63.1	6578.7	425.0	-36.6	-43.9	246.8	16.2	14.9	6.4	302.1	302.7	0.2	46.1	17.6	74.
25.0	66.6	6995.5	400.0	-40.4	-49.9	237.2	15.9	13.4	6.6	302.4	302.9	99.9	99.9	19.1	73.
26.5	70.3	7431.8	375.0	-44.5	-54.7	227.8	18.5	13.7	12.4	302.7	99.9	99.9	99.9	20.5	72.
28.1	73.9	7899.8	350.0	-48.1	-59.9	230.9	23.9	14.5	15.0	303.9	99.9	99.9	99.9	22.3	70.
30.2	78.0	8376.8	325.0	-49.0	-59.9	240.9	30.4	26.5	14.8	305.2	99.9	99.9	99.9	25.6	68.
32.2	82.0	8901.8	300.0	-49.7	-59.9	240.4	37.1	37.3	18.3	315.3	99.9	99.9	99.9	29.6	67.
34.6	86.4	9471.4	275.0	-50.1	-59.9	240.5	39.0	34.0	19.2	322.8	99.9	99.9	99.9	35.2	66.
37.1	91.2	10093.6	250.0	-50.4	-59.9	241.3	44.0	40.3	22.1	331.1	99.9	99.9	99.9	41.4	65.
39.9	96.2	10781.0	225.0	-50.7	-59.9	242.0	41.6	36.7	19.5	340.8	99.9	99.9	99.9	48.7	65.
43.1	101.6	11548.1	200.0	-53.5	-59.9	241.2	45.5	39.9	21.9	348.1	99.9	99.9	99.9	57.0	64.
46.4	107.4	12400.6	175.0	-54.7	-59.9	243.4	41.4	37.0	18.5	355.7	99.9	99.9	99.9	65.4	64.
50.4	114.0	13384.8	150.0	-55.1	-59.9	243.3	36.5	32.7	16.4	375.2	99.9	99.9	99.9	74.9	64.
55.3	121.3	14541.4	125.0	-57.3	-59.9	248.7	45.0	41.9	16.4	391.3	99.9	99.9	99.9	87.2	63.
60.8	129.3	15943.6	100.0	-61.9	-59.9	248.6	23.0	23.0	9.1	408.1	99.9	99.9	99.9	97.1	64.
68.0	137.7	17719.0	75.0	-63.3	-59.9	245.5	25.7	25.6	2.0	440.3	99.9	99.9	99.9	109.9	66.
77.3	146.0	20191.3	50.0	-64.8	-59.9	275.5	25.4	25.3	-2.4	490.9	99.9	99.9	99.9	125.8	67.
93.1	155.0	24390.9	25.0	-64.8	-59.9	264.8	28.0	27.9	2.5	598.6	99.9	99.9	99.9	149.8	70.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
POOR QUALITY

STATION NO. 433  
SALEM, ILL

5 FEBRUARY 1975  
2315 GMT

197 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CHCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	175.0	991.2	1.4	0.1	320.0	7.3	9.7	-5.6	275.7	285.7	3.9	91.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	1.9	307.0	975.0	-0.6	-2.0	266.8	3.9	3.8	0.2	214.7	283.4	3.4	91.6	0.6	131.
1.2	10.2	514.2	950.0	0.0	-2.9	298.6	6.2	7.2	-3.9	275.5	283.9	3.2	93.5	0.6	124.
1.9	12.4	725.0	925.0	-3.0	-3.6	302.5	11.0	9.3	-5.9	276.6	284.9	3.2	95.8	1.2	124.
2.5	15.8	942.5	900.0	-4.1	-4.6	298.9	9.7	8.5	-4.7	277.7	285.5	3.0	96.2	1.6	123.
3.2	17.0	1141.1	875.0	-3.0	-3.5	300.8	10.6	9.1	-5.4	281.1	290.0	3.4	96.4	2.0	122.
4.0	19.6	1395.0	850.0	-3.3	-3.7	301.1	9.5	8.1	-4.9	283.2	292.3	3.4	96.4	2.5	122.
4.8	21.8	1631.4	825.0	-3.6	-4.1	294.4	7.9	7.2	-3.3	285.2	294.4	3.4	96.3	3.0	122.
5.7	24.4	1874.4	800.0	-4.7	-5.2	280.8	9.1	8.9	-1.7	286.6	295.4	3.2	96.2	3.3	120.
6.4	26.8	2124.2	775.0	-5.3	-5.9	266.2	10.0	10.0	0.7	288.5	297.2	3.2	96.1	3.7	117.
7.1	29.4	2391.2	750.0	-6.9	-7.5	262.3	10.3	10.2	1.4	289.4	297.4	2.9	95.4	4.1	114.
7.9	32.1	2645.2	725.0	-8.5	-9.1	260.1	10.0	9.9	1.7	290.5	297.8	2.6	95.0	4.5	110.
8.9	34.9	2916.8	700.0	-10.1	-10.8	261.6	10.6	10.4	1.5	291.6	298.3	2.4	94.4	5.0	107.
9.7	37.4	3196.9	675.0	-11.5	-12.4	261.3	11.9	11.7	1.8	293.0	299.3	2.2	93.0	5.6	105.
10.6	40.3	3485.3	650.0	-13.7	-14.8	260.3	12.3	12.2	2.1	293.7	299.1	1.9	91.4	6.2	102.
11.5	43.0	3762.3	625.0	-15.8	-16.8	259.9	12.2	12.0	2.1	294.6	299.4	1.6	91.8	6.8	100.
12.4	46.2	4039.0	600.0	-18.0	-19.2	259.8	12.2	12.0	2.2	295.4	299.6	1.4	90.5	7.4	98.
13.3	49.0	4405.7	575.0	-20.4	-21.6	259.7	12.1	11.9	2.1	296.2	299.7	1.2	90.4	8.0	97.
14.3	52.0	4733.1	550.0	-23.0	-24.0	259.3	12.4	12.2	2.3	296.9	299.4	0.8	75.7	8.7	95.
15.4	55.3	5072.4	525.0	-25.9	-29.3	260.7	13.2	13.0	2.1	297.3	299.3	0.6	72.8	9.6	94.
16.5	58.3	5423.6	500.0	-28.8	-32.7	259.5	12.5	12.3	2.3	297.9	298.5	0.5	68.9	10.4	93.
17.6	61.6	5788.6	475.0	-31.9	-36.0	257.9	13.2	12.4	2.6	298.5	298.5	0.3	54.3	11.2	92.
18.7	65.1	6157.9	450.0	-35.3	-41.1	254.1	13.7	13.2	3.7	298.8	299.6	0.2	54.9	12.1	91.
19.9	68.6	6563.2	425.0	-38.9	-44.1	254.3	13.4	12.9	3.6	299.2	299.8	0.2	57.2	13.0	90.
21.1	72.1	6975.7	400.0	-42.9	-49.9	251.1	14.7	13.9	4.8	299.2	299.9	99.9	99.9	13.9	88.
22.5	76.0	7407.8	375.0	-46.6	-53.9	256.2	14.8	14.4	3.5	300.0	299.9	99.9	99.9	15.1	87.
23.9	80.0	7852.3	350.0	-47.9	-57.9	248.2	19.6	18.2	7.3	304.2	299.9	99.9	99.9	16.4	86.
25.3	84.0	8350.3	325.0	-48.9	-58.9	246.2	25.5	23.3	10.3	309.3	299.9	99.9	99.9	18.3	84.
27.0	88.2	8875.2	300.0	-49.9	-59.9	242.1	32.1	28.3	15.0	315.1	299.9	99.9	99.9	21.2	81.
28.7	93.0	9444.5	275.0	-49.7	-59.9	244.3	38.1	30.7	14.8	323.3	299.9	99.9	99.9	24.3	78.
30.5	97.8	10047.6	250.0	-50.1	-59.9	244.8	35.4	32.0	15.1	331.6	299.9	99.9	99.9	28.1	77.
32.4	102.8	10755.1	225.0	-51.2	-59.9	242.8	45.0	40.0	20.6	340.0	299.9	99.9	99.9	32.5	75.
34.5	108.5	11520.0	200.0	-51.7	-59.9	242.4	41.0	36.4	19.0	350.9	299.9	99.9	99.9	36.1	73.
37.0	114.5	12366.0	175.0	-52.0	-59.9	243.5	43.3	38.8	19.4	364.1	299.9	99.9	99.9	44.3	72.
39.8	121.0	13301.3	150.0	-53.1	-59.9	237.7	37.4	31.6	20.0	378.7	299.9	99.9	99.9	51.1	70.
43.4	128.3	14553.9	125.0	-54.0	-59.9	099.9	99.9	99.9	99.9	382.2	299.9	99.9	99.9	99.9	99.9
47.1	136.0	15901.9	100.0	-50.7	-59.9	099.9	99.9	99.9	99.9	414.1	299.9	99.9	99.9	99.9	99.9
52.4	144.0	17354.7	75.0	-50.9	-59.9	099.9	99.9	99.9	99.9	445.3	299.9	99.9	99.9	99.9	99.9
58.8	152.0	20281.7	50.0	-44.8	-59.9	099.9	99.9	99.9	99.9	490.7	299.9	99.9	99.9	99.9	99.9
72.6	160.7	24492.2	25.0	-62.8	-59.9	099.9	99.9	99.9	99.9	688.6	299.9	99.9	99.9	99.9	99.9

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0 BY TEMP MEANS TPA.ATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

149 18. 1

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.0	791.0	928.5	-10.0	-12.8	10.0	9.3	-1.6	-9.2	269.0	273.0	1.5	80.0	0.0	0.
00.9	00.5	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	00.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	00.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	01.4	12.4	925.0	-10.4	-13.7	2.5	5.5	-0.2	-5.5	268.0	272.0	1.4	72.0	0.3	246.
04.9	14.8	1030.2	900.0	-12.8	-15.0	342.5	5.1	1.5	-4.8	268.5	272.0	1.3	83.8	0.7	182.
1.5	16.9	1244.3	875.0	-14.6	-15.3	357.7	13.5	0.5	-13.5	268.8	272.3	1.3	94.4	1.1	179.
2.2	19.4	1465.4	850.0	-11.5	-13.6	357.7	11.7	0.5	-11.7	274.3	278.5	1.6	84.4	1.7	179.
2.9	21.7	1695.0	825.0	-10.3	-11.4	349.0	9.9	1.9	-9.6	277.9	283.1	1.9	92.1	2.2	179.
3.7	24.2	1937.0	800.0	-11.1	-11.7	325.4	8.0	4.6	-6.6	279.6	284.9	1.9	94.8	2.5	175.
4.4	26.6	2175.6	775.0	-11.7	-11.7	305.0	6.7	5.5	-3.9	281.5	287.0	2.0	102.4	2.8	171.
5.2	29.2	2426.9	750.0	-12.1	-12.1	290.8	6.2	5.8	-2.2	283.7	284.2	2.0	101.0	2.9	166.
5.9	31.8	2785.7	725.0	-13.5	-13.5	292.3	6.0	5.5	-2.3	284.8	290.0	1.9	101.6	3.1	162.
6.8	34.6	2952.2	700.0	-13.9	-15.0	286.6	5.8	5.6	-1.7	287.3	292.1	1.7	92.1	3.3	158.
7.6	37.1	3229.1	675.0	-13.7	-17.7	271.0	6.7	6.7	-0.1	290.4	294.5	1.6	71.6	3.5	154.
8.6	39.9	3515.2	650.0	-15.5	-20.8	263.8	8.1	3.1	0.9	291.5	294.8	1.1	63.9	3.7	148.
9.6	42.6	3810.0	625.0	-17.9	-21.3	266.5	6.9	6.8	0.5	292.1	295.9	1.1	74.5	3.9	141.
10.6	45.6	4114.1	600.0	-20.3	-22.4	267.6	8.6	8.6	0.4	292.7	295.9	1.1	83.4	4.3	135.
11.6	48.5	4428.3	575.0	-22.1	-28.0	273.2	8.2	8.1	-0.5	294.1	296.0	0.6	54.4	4.6	130.
12.6	51.4	4753.6	550.0	-24.6	-31.1	275.5	7.9	7.9	-0.8	294.9	296.5	0.5	54.4	5.1	127.
13.7	54.5	5007.7	525.0	-27.2	-35.5	269.8	8.0	8.0	0.0	295.8	296.7	0.4	45.0	5.5	124.
14.9	57.4	5437.9	500.0	-30.3	-47.0	269.7	6.5	6.5	0.0	296.0	296.4	0.1	17.7	5.9	121.
16.1	60.6	5802.6	475.0	-33.2	-48.5	264.5	6.3	6.1	-1.6	296.8	297.1	0.1	19.7	6.3	120.
17.5	64.0	6179.8	450.0	-36.5	-48.8	268.1	7.5	7.1	-2.3	297.3	297.6	0.1	26.5	6.9	119.
18.8	67.3	6471.6	425.0	-39.8	-49.9	276.7	8.4	8.4	-1.0	298.0	299.8	99.9	99.9	7.5	117.
20.1	70.7	6985.0	400.0	-43.2	-49.9	285.4	10.2	10.2	0.8	298.8	299.8	99.9	99.9	8.1	115.
21.4	74.3	7415.4	375.0	-47.3	-49.9	296.8	12.8	12.6	2.5	299.0	299.9	99.9	99.9	8.9	112.
22.8	78.1	7847.3	350.0	-51.9	-49.9	299.9	14.2	13.3	4.4	298.7	299.9	99.9	99.9	9.9	108.
24.2	82.0	8341.0	325.0	-56.1	-49.9	289.4	15.8	14.8	5.6	299.4	299.9	99.9	99.9	10.8	104.
25.0	86.5	8853.3	300.0	-53.0	-49.9	288.5	20.0	20.0	0.5	310.7	299.9	99.9	99.9	12.3	100.
27.9	90.5	9413.1	275.0	-52.4	-49.9	271.2	24.5	24.5	-0.5	319.3	299.9	99.9	99.9	15.2	98.
30.2	95.2	10034.9	250.0	-51.4	-49.9	274.2	29.5	29.4	-2.2	329.7	299.9	99.9	99.9	18.8	97.
32.6	100.0	10718.8	225.0	-51.7	-49.9	278.3	32.5	32.5	-4.8	339.3	299.9	99.9	99.9	23.3	97.
35.2	105.0	11482.8	200.0	-52.5	-49.9	281.1	31.1	30.5	-3.0	349.6	299.9	99.9	99.9	28.4	98.
38.3	110.7	12382.2	175.0	-55.0	-49.9	278.9	31.5	31.1	-4.9	359.2	299.9	99.9	99.9	33.9	94.
41.9	116.8	13327.7	150.0	-54.6	-49.9	275.6	34.1	34.0	-3.3	376.0	299.9	99.9	99.9	40.9	98.
46.2	123.7	14502.3	125.0	-52.4	-49.9	263.1	31.2	30.7	-5.5	400.2	299.9	99.9	99.9	49.1	98.
50.9	131.0	15916.5	100.0	-55.4	-49.9	251.2	23.3	23.3	-1.0	420.0	299.9	99.9	99.9	57.6	97.
54.5	139.0	17754.2	75.0	-61.7	-49.9	262.3	30.5	29.8	-6.5	443.5	299.9	99.9	99.9	66.7	97.
62.3	148.0	20261.4	50.0	-61.7	-49.9	258.7	7.0	6.2	-3.4	498.9	299.9	99.9	99.9	77.4	98.
70.7	157.3	24530.6	25.0	-65.2	-49.9	262.9	15.8	14.6	-6.2	597.8	299.9	99.9	99.9	89.0	99.

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OF POOR QUALITY

STATION NO. 4-  
TOPEKA, KAN

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 24. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO G	RH PCT	RANGE KM	AZ DG
0.0	6.7	268.0	990.2	-10.0	-13.2	320.0	8.2	5.3	-6.3	264.1	267.7	1.4	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	7.9	387.1	975.0	-11.1	-15.9	306.1	0.3	0.3	-0.2	264.1	267.1	1.1	67.8	0.5	140.
1.7	10.1	585.9	950.0	-13.1	-15.5	326.7	6.5	3.6	-5.5	264.0	267.1	1.2	81.4	0.6	141.
1.4	12.0	788.3	925.0	-15.3	-15.7	330.4	9.7	4.8	-8.4	263.8	267.0	1.2	96.9	1.0	143.
2.7	15.1	995.0	900.0	-16.3	-16.3	338.6	9.3	3.4	-8.7	263.8	267.9	1.2	103.5	1.5	147.
3.6	16.1	1209.5	875.0	-9.9	-9.9	346.4	9.9	2.3	-9.6	271.8	279.2	2.1	102.8	2.0	151.
4.4	18.4	1433.8	850.0	-9.2	-9.2	336.3	9.3	4.0	-9.1	276.8	282.7	2.2	102.9	2.4	153.
5.3	20.5	1665.4	825.0	-8.7	-8.7	332.2	8.2	3.2	-7.3	279.7	286.2	2.4	102.9	2.9	153.
6.1	22.7	1901.1	800.0	-9.4	-9.4	338.8	8.9	3.2	-8.3	281.4	287.7	2.3	102.8	3.3	153.
6.9	25.1	2141.1	775.0	-10.7	-10.7	326.5	8.1	4.5	-6.8	282.5	288.5	2.2	102.7	3.8	154.
7.9	27.3	2402.8	750.0	-8.9	-9.2	309.5	10.5	8.1	-6.7	287.2	294.2	2.5	99.3	4.3	151.
8.7	29.7	2664.9	725.0	-10.2	-14.4	315.2	11.7	8.3	-8.3	288.5	293.4	1.7	71.1	4.8	148.
9.6	32.2	2935.1	700.0	-10.8	-12.6	326.8	13.1	7.2	-11.0	290.8	296.7	2.1	86.4	5.4	142.
10.5	34.8	3213.9	675.0	-12.6	-14.2	333.2	13.9	6.3	-12.4	291.7	297.1	1.9	87.9	6.2	148.
11.6	37.2	3501.0	650.0	-14.9	-16.5	336.3	12.9	5.2	-11.8	292.3	297.0	1.6	87.5	7.1	149.
12.8	40.0	3796.9	625.0	-16.7	-19.1	330.1	12.2	6.1	-10.6	293.5	297.5	1.4	81.6	8.0	150.
14.0	42.6	4102.8	600.0	-19.0	-22.6	328.0	11.5	6.1	-9.8	294.3	297.4	1.0	73.1	8.8	149.
15.2	45.4	4418.2	575.0	-21.1	-24.6	329.2	9.9	5.1	-8.5	294.8	297.5	0.9	76.6	9.6	149.
16.4	48.3	4744.3	551.0	-23.9	-26.5	321.8	9.9	6.1	-7.8	295.8	298.2	0.8	78.5	10.3	149.
17.5	51.0	5082.2	525.0	-26.6	-28.5	316.7	11.5	7.9	-8.4	296.5	298.7	0.7	83.2	11.1	148.
18.9	54.1	5437.8	500.0	-29.3	-30.6	311.1	6.8	5.1	-4.5	297.4	299.3	0.6	88.3	11.7	148.
20.3	57.1	5797.3	475.0	-32.2	-33.9	310.5	8.7	6.6	-5.6	298.1	299.6	0.5	84.6	12.3	147.
21.7	60.4	6176.6	450.0	-35.3	-37.8	315.5	10.0	7.0	-7.1	298.8	299.9	0.3	77.7	13.1	146.
23.1	63.9	6571.9	425.0	-38.7	-41.4	322.4	7.9	4.8	-6.3	299.4	300.2	0.2	74.9	13.9	146.
24.6	67.2	6985.0	400.0	-42.4	-44.9	314.6	7.6	5.4	-5.3	299.9	300.9	99.9	99.9	14.5	145.
26.2	70.8	7417.8	375.0	-46.0	-48.9	289.8	7.6	7.2	-2.6	300.7	300.9	99.9	99.9	15.2	144.
27.9	74.6	7872.7	350.0	-50.0	-52.9	279.5	8.4	8.2	-1.4	301.3	300.9	99.9	99.9	15.9	142.
29.6	78.7	8352.3	325.0	-54.3	-56.9	256.4	7.9	7.7	1.9	301.9	300.9	99.9	99.9	16.3	140.
31.7	82.7	8861.7	300.0	-55.9	-58.9	260.1	9.7	9.5	1.7	306.6	300.9	93.9	99.9	16.8	137.
33.9	87.0	9414.9	275.0	-55.8	-58.9	260.1	15.0	14.7	2.6	314.5	300.9	99.9	99.9	17.7	132.
36.4	91.8	10026.3	250.0	-53.2	-56.9	261.3	20.8	20.5	3.1	327.0	300.9	99.9	99.9	19.6	126.
39.2	96.8	10705.0	225.0	-52.3	-55.9	264.8	24.1	24.0	2.2	338.4	300.9	99.9	99.9	22.5	120.
42.1	102.0	11465.4	200.0	-52.6	-55.9	260.6	27.1	26.7	4.4	349.5	300.9	99.9	99.9	26.5	114.
45.4	108.0	12327.4	175.0	-52.3	-55.9	267.4	30.4	30.4	1.4	363.6	300.9	99.9	99.9	31.4	108.
49.2	114.7	13329.4	150.0	-50.3	-53.9	263.2	30.9	30.7	3.7	393.4	300.9	99.9	99.9	37.6	104.
53.6	122.0	14516.3	125.0	-52.9	-56.9	239.9	27.0	23.3	13.5	399.2	300.9	99.9	99.9	43.7	99.
58.6	130.3	15945.2	100.0	-56.4	-59.9	252.9	24.3	23.3	7.1	418.9	300.9	99.9	99.9	51.5	95.
65.3	139.7	17765.8	75.0	-58.7	-62.9	259.2	20.4	18.3	3.8	459.9	300.9	99.9	99.9	61.0	93.
74.5	150.0	20293.2	50.0	-60.6	-65.9	262.5	18.8	18.3	2.5	500.6	300.9	99.9	99.9	73.9	92.
89.9	161.5	24552.8	25.0	-64.6	-69.9	999.9	99.9	99.9	99.9	599.2	300.9	99.9	99.9	999.9	999.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 486  
FORT TOTTEN, N Y  
5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIG T GPM	PRES MB	TEMP DB C	DEW PT DB C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	8.0	1028.1	0.9	-0.1	109.9	99.9	99.9	99.9	273.9	233.5	3.8	93.0	999.9	999.
0.2	5.4	71.0	1020.0	0.5	-0.6	999.9	99.9	99.9	99.9	274.1	283.5	3.7	92.3	999.9	999.
0.9	7.6	275.8	975.0	-0.9	-1.0	999.9	99.9	99.9	99.9	274.6	283.9	3.6	99.9	999.9	999.
1.7	9.7	482.8	910.0	-2.2	-2.2	999.9	99.9	99.9	99.9	275.3	284.1	3.4	100.7	999.9	999.
2.5	11.7	695.5	945.0	-0.2	-0.2	999.9	99.9	99.9	99.9	279.6	290.1	4.1	100.8	999.9	999.
3.4	13.7	915.7	920.0	1.2	1.2	999.9	99.9	99.9	99.9	283.3	295.5	4.6	100.9	999.9	999.
4.2	15.9	1143.0	875.0	1.7	1.7	999.9	99.9	99.9	99.9	286.2	299.1	5.0	100.7	999.9	999.
5.0	18.2	1376.8	850.0	0.9	0.9	999.9	99.9	99.9	99.9	287.7	300.6	4.8	100.4	999.9	999.
6.0	20.5	1611.7	825.0	-0.3	-0.3	999.9	99.9	99.9	99.9	288.9	301.1	4.6	100.6	999.9	999.
6.9	22.7	1861.4	800.0	0.1	-0.3	999.9	99.9	99.9	99.9	291.8	304.5	4.7	97.4	999.9	999.
7.8	25.1	2118.1	775.0	0.6	-3.4	999.9	99.9	99.9	99.9	294.9	305.6	3.8	74.8	999.9	999.
8.8	27.4	2331.1	750.0	-0.4	-12.0	999.9	99.9	99.9	99.9	296.4	302.3	2.0	40.8	999.9	999.
9.9	29.9	2651.7	725.0	-1.9	-11.6	999.9	99.9	99.9	99.9	297.6	303.9	2.2	47.7	999.9	999.
10.8	32.4	2929.8	700.0	-3.9	-11.7	999.9	99.9	99.9	99.9	298.5	305.0	2.2	54.3	999.9	999.
11.8	35.1	3210.2	675.0	-5.0	-24.2	999.9	99.9	99.9	99.9	300.2	302.7	0.8	20.5	999.9	999.
12.9	37.6	3515.6	650.0	-5.4	-31.3	999.9	99.9	99.9	99.9	302.9	303.0	0.0	1.0	999.9	999.
13.9	40.3	3819.0	625.0	-7.7	-43.2	999.9	99.9	99.9	99.9	303.6	304.1	0.1	3.8	999.9	999.
15.1	43.0	4135.2	600.0	-9.9	-42.9	999.9	99.9	99.9	99.9	304.7	305.2	0.1	4.7	999.9	999.
16.1	45.9	4461.7	575.0	-12.5	-38.6	999.9	99.9	99.9	99.9	305.3	306.1	0.2	9.2	999.9	999.
17.5	48.9	4798.4	550.0	-15.5	-41.4	999.9	99.9	99.9	99.9	305.7	306.3	0.2	8.7	999.9	999.
18.9	51.8	5147.8	525.0	-18.8	-35.7	999.9	99.9	99.9	99.9	305.8	307.0	0.3	20.7	999.9	999.
20.1	54.9	5509.4	500.0	-21.4	-25.2	999.9	99.9	99.9	99.9	307.0	310.1	1.0	71.2	999.9	999.
21.1	57.9	5865.7	475.0	-24.7	-25.8	999.9	99.9	99.9	99.9	307.5	310.6	1.0	89.8	999.9	999.
22.4	61.3	6276.8	450.0	-28.0	-28.3	999.9	99.9	99.9	99.9	308.1	310.8	0.8	97.1	999.9	999.
23.8	64.9	6684.6	425.0	-31.1	-42.6	999.9	99.9	99.9	99.9	309.2	309.9	0.2	30.7	999.9	999.
25.4	69.3	7112.5	400.0	-33.2	-50.1	999.9	99.9	99.9	99.9	311.7	312.1	0.1	16.4	999.9	999.
27.1	71.9	7568.4	375.0	-35.1	-50.7	999.9	99.9	99.9	99.9	315.0	315.4	0.1	18.5	999.9	999.
28.8	75.8	8041.8	350.0	-38.9	-53.0	999.9	99.9	99.9	99.9	316.8	316.5	0.1	20.6	999.9	999.
30.5	80.0	8545.1	325.0	-43.5	-59.9	999.9	99.9	99.9	99.9	318.2	318.2	99.9	999.9	999.9	999.
32.1	84.2	9078.7	300.0	-47.7	-59.9	999.9	99.9	99.9	99.9	319.4	319.4	99.9	999.9	999.9	999.
34.2	88.6	9647.3	275.0	-52.4	-59.9	999.9	99.9	99.9	99.9	322.1	322.1	99.9	999.9	999.9	999.
36.4	91.5	10257.8	250.0	-56.5	-59.9	999.9	99.9	99.9	99.9	323.1	323.1	99.9	999.9	999.9	999.
38.7	94.6	10927.4	225.0	-57.7	-59.9	999.9	99.9	99.9	99.9	324.7	324.7	99.9	999.9	999.9	999.
41.0	104.0	11672.8	200.0	-56.9	-59.9	999.9	99.9	99.9	99.9	326.8	326.8	99.9	999.9	999.9	999.
43.8	110.2	12515.4	175.0	-57.7	-59.9	999.9	99.9	99.9	99.9	328.1	328.1	99.9	999.9	999.9	999.
47.1	116.5	13418.2	150.0	-59.9	-59.9	999.9	99.9	99.9	99.9	329.1	329.1	99.9	999.9	999.9	999.
50.9	124.0	14618.7	125.0	-62.4	-59.9	999.9	99.9	99.9	99.9	329.1	329.1	99.9	999.9	999.9	999.
55.5	132.0	15918.0	100.0	-65.1	-59.9	999.9	99.9	99.9	99.9	329.1	329.1	99.9	999.9	999.9	999.
61.0	140.3	17748.0	75.0	-66.6	-59.9	999.9	99.9	99.9	99.9	329.1	329.1	99.9	999.9	999.9	999.
68.0	149.0	20199.6	50.0	-65.9	-59.9	999.9	99.9	99.9	99.9	329.1	329.1	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

154 39. 1

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGL KM	AZ DG
0.0	5.5	94.0	1002.2	-3.9	-5.0	320.0	1.5	1.0	-1.1	269.4	276.1	2.6	92.0	0.0	0.
0.1	5.7	101.4	1000.0	-4.0	-5.1	313.9	0.5	-0.5	-0.1	269.5	276.1	2.6	91.9	0.1	52.
0.2	7.3	301.0	975.0	-5.0	-5.3	90.6	3.8	-3.8	0.0	270.5	277.2	3.0	97.4	0.2	198.
1.7	10.1	507.0	950.0	-3.9	-4.0	75.0	4.6	-4.4	-1.4	273.6	281.3	3.0	99.0	0.4	218.
2.5	12.1	719.8	925.0	-3.8	-3.9	121.8	5.0	-4.2	2.6	275.8	283.8	3.1	99.0	0.5	238.
3.4	14.6	935.1	900.0	-3.6	-3.7	131.8	10.1	-7.6	6.8	278.2	286.6	3.2	99.1	0.8	267.
4.2	16.3	1132.5	875.0	-0.8	-0.9	148.2	12.2	-7.1	9.9	283.5	294.3	4.1	99.5	1.2	288.
5.2	19.2	1371.3	850.0	-1.0	-1.1	158.5	12.2	-4.9	11.2	285.6	296.7	4.2	99.5	1.8	304.
6.0	21.4	1627.6	825.0	-2.0	-2.1	165.3	9.1	-2.1	6.8	287.0	297.7	4.0	99.3	2.3	313.
7.0	23.9	1971.8	800.0	-3.2	-3.3	180.9	4.0	0.0	4.0	288.2	298.3	3.7	99.1	2.6	318.
8.0	26.3	2127.1	775.0	-3.8	-4.0	204.1	3.4	1.4	3.1	290.2	300.2	3.7	98.8	2.6	326.
9.1	28.9	2381.8	750.0	-5.0	-5.5	220.0	5.0	3.7	3.2	291.6	300.9	3.4	96.2	2.8	328.
10.0	31.6	2650.4	725.0	-5.8	-6.1	241.2	7.7	6.3	3.5	293.5	302.9	3.4	97.6	2.7	332.
11.3	34.4	2925.1	700.0	-6.7	-7.5	237.8	9.5	8.1	5.1	295.5	304.3	3.1	93.7	2.8	344.
12.3	37.0	3209.1	675.0	-7.9	-10.9	229.9	9.8	7.4	6.3	297.1	304.2	2.5	78.8	3.1	357.
13.5	39.9	3501.4	650.0	-9.9	-12.1	238.3	11.1	9.0	6.5	298.1	304.8	2.3	83.5	3.7	6.
14.4	42.6	3801.4	625.0	-12.1	-13.4	243.4	12.5	11.2	5.6	298.7	305.0	2.2	91.3	4.3	16.
16.0	45.6	4114.0	600.0	-15.2	-18.0	248.7	16.4	15.1	6.0	298.6	300.9	0.7	37.6	5.0	25.
17.2	48.8	4412.7	575.0	-16.8	-32.9	249.5	21.6	20.1	7.6	300.4	301.7	0.4	23.0	6.0	38.
18.5	51.4	4777.6	550.0	-18.3	-38.1	253.5	25.3	24.2	7.2	302.4	303.7	0.4	23.3	7.6	43.
19.9	55.0	5113.5	525.0	-20.6	-38.0	249.7	27.1	25.3	9.1	303.7	304.9	0.3	23.4	9.5	49.
21.3	58.1	5472.1	500.0	-24.0	-38.3	249.2	27.1	25.3	9.6	303.8	304.9	0.3	20.8	11.6	53.
22.4	61.5	5844.0	475.0	-27.4	-38.4	248.9	27.0	24.8	10.6	304.0	305.2	0.4	11.7	13.7	55.
24.1	65.2	6230.3	450.0	-30.9	-45.4	243.0	27.0	24.5	11.4	304.4	306.9	0.1	22.7	16.1	57.
25.7	68.7	6614.3	425.0	-33.4	-45.1	243.7	27.2	24.4	12.1	306.2	306.9	0.2	29.4	18.6	58.
27.4	72.3	7057.0	400.0	-36.8	-42.2	249.7	30.2	28.4	10.5	307.2	308.0	0.2	56.6	21.5	59.
29.1	76.5	7500.7	375.0	-40.4	99.9	251.8	33.2	31.5	10.4	308.1	999.9	99.9	999.9	24.8	61.
30.9	80.6	7978.8	350.0	-44.6	99.9	250.7	34.4	32.4	11.7	308.6	999.9	99.9	999.9	26.1	62.
32.6	84.3	8478.1	325.0	-48.4	99.9	250.5	37.1	34.9	12.4	309.9	999.9	99.9	999.9	31.9	63.
34.6	89.3	8992.6	300.0	-50.5	99.9	251.0	53.7	50.7	17.4	314.2	999.9	99.9	999.9	37.1	64.
36.7	94.2	9547.4	275.0	-52.8	99.9	251.1	63.0	57.6	20.4	318.7	999.9	99.9	999.9	44.9	65.
39.4	99.2	11177.6	250.0	-56.4	99.9	252.7	68.48	63.4	19.5	322.2	999.9	99.9	999.9	52.9	66.
41.0	104.3	12825.8	225.0	-58.9	99.9	248.4	58.98	54.8	21.7	331.3	999.9	99.9	999.9	61.0	67.
43.5	110.2	11572.8	200.0	-54.1	99.9	254.0	51.58	51.4	14.8	347.1	999.9	99.9	999.9	70.0	67.
46.2	116.3	12430.0	175.0	-54.7	99.9	253.4	64.78	62.0	18.5	359.7	999.9	99.9	999.9	78.7	68.
49.3	123.0	14100.9	150.0	-57.7	99.9	252.3	42.68	47.3	15.0	370.7	999.9	99.9	999.9	87.3	69.
53.0	130.3	14552.1	125.0	-61.5	99.9	251.5	62.48	59.1	19.8	383.7	999.9	99.9	999.9	98.6	69.
57.2	138.0	15032.2	100.0	-62.2	99.9	274.4	30.08	29.0	-2.3	407.5	999.9	99.9	999.9	109.8	71.
63.1	146.3	17645.3	75.0	-67.0	99.9	263.0	42.48	49.0	6.0	436.7	999.9	99.9	999.9	125.8	72.
70.6	154.3	20151.7	50.0	-67.5	99.9	268.8	38.88	38.8	0.8	484.4	999.9	99.9	999.9	143.5	75.
99.9	99.9	60.9	25.0	19.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

5 FEBRUARY 1975  
1315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

117 99. 1

TIME MIN	CNTCT	HEIGHT GPN	PHLS MH	TEMP DG C	DEW PT DG C	DIN DG	SPEED M/SEC	U COMP M/SFL	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.1	359.7	963.2	2.7	2.4	255.0	2.6	2.5	0.7	279.4	291.6	4.7	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	8.3	471.1	950.0	3.0	3.0	75.1	3.3	-3.2	-0.9	280.9	293.8	5.0	100.2	0.3	75.
1.1	10.3	687.7	925.0	4.3	2.3	240.5	1.2	1.1	0.6	282.3	295.0	4.9	100.6	0.2	75.
1.9	12.1	904.7	900.0	1.8	1.8	240.7	4.5	3.9	2.2	283.9	296.6	4.0	100.8	0.3	71.
2.6	14.4	1135.7	875.0	0.7	0.7	230.1	6.6	5.0	4.2	285.1	297.2	4.6	100.8	0.6	64.
3.3	16.1	1354.5	850.0	0.1	0.1	225.1	7.2	5.1	5.0	286.9	299.0	4.6	100.4	0.9	58.
4.0	18.5	1607.8	825.0	-0.9	-0.9	225.9	8.0	5.7	5.7	288.5	300.5	4.4	100.3	1.2	54.
4.9	20.4	1854.2	800.0	-0.7	-0.7	225.1	8.9	6.3	6.3	290.9	303.2	4.5	100.0	1.6	52.
5.7	22.3	2107.9	775.0	-1.9	-1.0	221.5	9.3	6.1	6.9	293.4	306.0	4.6	100.0	2.1	50.
6.0	25.1	2354.3	750.0	-2.3	-2.3	219.1	12.7	6.8	8.3	294.6	306.5	4.3	99.8	2.6	48.
7.4	27.1	2710.0	725.0	-4.2	-4.4	219.0	10.5	6.6	8.2	295.3	305.9	3.8	98.5	3.1	47.
8.1	29.7	2914.0	700.0	-6.1	-6.8	218.5	13.0	5.9	8.0	296.1	305.4	3.3	94.9	3.7	45.
9.1	32.1	3149.2	675.0	-8.6	-8.0	218.6	8.5	5.3	6.7	297.5	305.3	3.1	96.5	4.2	44.
10.1	34.7	3431.5	650.0	-11.1	-9.6	229.3	7.9	7.7	5.1	298.9	307.1	2.8	96.7	4.6	44.
11.0	37.0	3749.1	625.0	-11.1	-11.7	239.4	9.0	7.7	4.6	300.0	307.3	2.5	95.2	5.0	45.
12.0	39.4	4106.6	600.0	-13.6	-14.4	245.6	11.1	10.1	4.6	300.6	306.6	2.0	89.5	5.6	47.
13.1	42.3	4439.2	575.0	-15.7	-17.2	245.0	13.3	12.0	5.6	301.8	306.9	1.7	88.5	6.3	49.
14.1	45.0	4767.9	550.0	-18.1	-19.7	242.8	15.3	13.6	7.0	302.8	307.2	1.5	87.0	7.2	51.
15.0	47.3	5107.3	525.0	-20.6	-22.1	243.9	15.5	14.0	6.8	303.8	307.5	1.2	85.8	8.1	52.
16.1	50.7	5459.7	500.0	-23.1	-25.1	241.9	18.3	14.4	7.7	304.9	308.1	1.0	83.5	9.0	54.
17.3	53.0	5842.2	475.0	-26.2	-28.2	233.0	17.6	14.0	10.6	305.6	308.1	0.8	82.6	10.2	54.
18.4	56.5	6231.0	450.0	-29.3	-31.8	228.3	20.4	15.2	13.6	306.4	308.3	0.6	78.9	11.5	54.
19.7	59.4	6636.5	425.0	-34.6	-36.7	227.5	23.4	17.3	15.8	307.2	308.5	0.4	66.9	13.3	53.
20.9	63.1	7040.6	400.0	-38.1	-40.5	230.0	26.6	19.0	15.6	308.1	309.0	0.3	62.9	15.0	52.
22.3	66.5	7508.9	375.0	-40.4	-44.1	232.0	28.7	19.4	15.2	308.1	309.9	99.9	999.9	17.0	52.
23.7	70.1	7970.3	350.0	-45.2	-49.9	230.3	25.0	19.2	16.0	307.9	309.9	99.9	999.9	19.0	52.
25.1	73.4	8460.4	325.0	-49.5	-49.9	231.7	31.3	24.5	19.4	308.4	309.9	99.9	999.9	21.4	52.
26.8	77.3	8957.2	300.0	-49.7	-49.7	230.7	43.9	37.5	22.8	315.3	309.9	99.9	999.9	25.1	52.
29.6	81.8	9572.7	275.0	-51.0	-49.7	236.5	55.8	46.7	28.6	321.3	309.9	99.9	999.9	30.7	54.
3	86.7	10173.2	250.0	-49.9	-49.9	240.4	57.4	49.9	28.3	331.9	309.9	99.9	999.9	37.2	55.
4	91.0	10859.2	225.0	-51.4	-49.9	244.4	53.9	48.6	23.3	339.0	309.9	99.9	999.9	43.6	56.
5	94.3	11618.1	200.0	-53.7	-49.9	248.2	55.6	52.0	19.8	347.8	309.9	99.9	999.9	51.4	56.
37.4	101.3	12438.6	175.0	-52.9	-49.9	267.7	58.8	54.7	2.2	352.7	309.9	99.9	999.9	58.5	56.
40.0	107.3	13413.4	150.0	-57.0	-49.9	248.2	45.2	40.6	19.7	371.9	309.9	99.9	999.9	65.6	60.
43.1	114.7	14616.5	125.0	-54.0	-49.9	250.2	37.1	36.3	7.6	388.2	309.9	99.9	999.9	73.7	61.
46.4	122.7	16008.5	100.0	-55.8	-49.9	99.9	99.9	99.9	99.9	423.8	309.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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0 BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 528  
RUFFALO, N Y

5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT 304	PHES MH	TFMP UG C	UX PT DG C	DIR DG	SPTD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RH PCT	RANGE KM	AZ DG
0-0	6-1	214.0	982.1	-0.7	-0.8	50.0	3.6	-2.8	-2.3	274.3	283.7	3.7	99.0	0.0	0.
0-9	6-9	276.0	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1-3	6-7	276.0	975.0	-1.5	-1.9	72.1	1.7	-3.5	-1.1	274.1	282.9	3.4	97.2	0.0	250.
1-7	10-5	894.2	975.0	-2.4	-3.3	79.3	5.1	-5.2	-1.0	274.8	282.9	3.2	96.5	0.2	234.
2-4	12-5	911.0	975.0	-3.1	-3.6	99.9	4.0	-8.0	0.7	276.6	284.8	3.2	96.5	0.4	252.
3-3	14-7	113.3	975.0	-3.7	-4.2	156.9	1.8	-0.7	1.6	278.1	280.3	3.1	96.4	0.5	266.
4-0	16-6	136.1	975.0	-4.4	-4.9	120.3	1.1	0.7	-0.8	280.7	284.3	3.3	96.3	0.4	269.
4-7	18-3	154.3	975.0	-4.1	-4.1	21.0	1.2	-0.4	-1.1	282.7	291.6	3.3	96.3	0.4	260.
5-4	20-3	144.6	975.0	-4.8	-4.3	192.6	1.2	0.3	1.2	283.0	294.1	3.4	96.4	0.5	261.
6-3	23-0	204.2	975.0	-5.0	-5.5	220.6	3.7	2.4	2.9	287.3	296.6	3.4	96.2	0.4	275.
7-1	25-2	2350.8	975.0	-5.8	-6.3	221.2	4.6	3.0	3.4	290.7	299.5	3.3	96.2	0.3	306.
7-9	27-4	241.4	975.0	-6.1	-6.7	218.1	6.1	3.8	4.8	293.1	302.1	3.2	96.1	0.3	344.
8-7	29-7	249.1	975.0	-6.6	-7.2	227.4	7.8	5.7	5.3	295.6	304.6	3.2	95.6	0.5	6.
9-7	32-2	3174.4	975.0	-7.2	-8.8	235.2	9.4	7.8	5.4	296.8	305.1	2.9	95.3	1.2	33.
10-5	34-0	3667.4	975.0	-10.7	-11.5	229.1	10.2	7.7	6.7	297.2	304.2	2.4	93.8	1.7	39.
11-4	37-0	3767.2	975.0	-13.3	-14.3	222.8	11.7	8.0	8.5	297.4	303.3	2.0	92.5	2.3	40.
12-3	39-6	4777.2	975.0	-14.5	-16.6	227.5	12.1	8.9	8.1	294.4	303.6	1.7	91.4	3.0	40.
13-1	42-3	4947.2	975.0	-17.5	-18.7	242.3	13.0	11.6	5.9	299.7	304.2	1.5	89.8	3.7	43.
14-3	44-9	4724.2	975.0	-19.4	-20.8	248.5	15.3	14.2	5.6	301.2	305.2	1.3	87.9	4.5	48.
15-3	47-6	5073.7	975.0	-21.9	-23.6	247.1	19.4	17.8	7.5	302.2	305.5	1.1	85.7	5.3	51.
16-3	50-4	5411.2	975.0	-24.7	-26.6	245.1	22.5	20.5	9.2	302.9	305.7	0.9	84.2	6.7	54.
17-3	53.1	5402.5	975.0	-27.6	-29.7	244.4	22.3	20.1	9.6	303.9	306.1	0.7	81.8	8.0	56.
18-3	56.1	6184.6	975.0	-30.7	-33.2	244.6	21.2	19.1	9.1	304.6	306.3	0.5	78.6	9.4	57.
19-4	59.4	6592.3	975.0	-33.8	-37.1	242.1	19.5	17.3	9.1	305.6	306.9	0.4	72.4	10.7	58.
20-5	62.7	7014.6	975.0	-36.9	-40.8	241.2	25.2	22.1	12.2	307.0	307.9	0.3	66.8	11.9	59.
21-7	65.4	7457.4	975.0	-40.5	-44.9	242.1	27.7	24.5	13.0	307.6	309.9	99.9	99.9	14.0	59.
22-9	69.5	7922.0	975.0	-45.2	-49.9	239.3	27.9	24.0	14.2	307.8	309.9	99.9	99.9	16.1	59.
24-1	73.0	8412.3	975.0	-49.7	-54.9	238.7	27.5	23.5	14.3	304.1	309.9	99.9	99.9	18.0	59.
24-1	77.3	8910.8	975.0	-54.4	-59.9	239.3	24.4	25.3	15.0	308.6	309.9	99.9	99.9	20.3	59.
26-1	81.0	9434.6	975.0	-55.4	-60.9	245.0	35.5	31.8	16.0	315.0	309.9	99.9	99.9	23.2	59.
28-5	85.4	10093.0	975.0	-55.0	-60.9	244.3	34.3	32.7	15.7	324.3	309.9	99.9	99.9	26.7	60.
30-3	90.3	10766.5	975.0	-53.8	-59.9	242.5	38.6	34.2	17.8	336.1	309.9	99.9	99.9	30.6	60.
32-4	95.0	11522.9	975.0	-54.4	-60.9	245.0	40.4	37.1	17.3	340.6	309.9	99.9	99.9	35.4	61.
34-7	100.4	12178.7	975.0	-54.1	-60.9	246.6	45.7	42.6	16.4	360.7	309.9	99.9	99.9	41.4	62.
37-4	106.5	13363.7	975.0	-52.6	-59.9	246.8	43.8	40.2	17.2	374.3	309.9	99.9	99.9	48.5	63.
40-6	113.3	14520.7	975.0	-56.7	-60.9	257.9	39.8	38.0	8.4	392.4	309.9	99.9	99.9	55.9	64.
44-4	121.0	15324.1	975.0	-54.1	-60.9	260.4	41.0	42.4	6.9	413.5	309.9	99.9	99.9	65.2	66.
49-1	130.3	17733.4	975.0	-64.9	-69.9	269.9	99.9	99.9	99.9	430.8	309.9	99.9	99.9	999.9	999.9
99-9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99-9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PEORIA, ILL

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

140 32. 1

TIME MIN	CNCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U CUMP M/SEC	V COMP M/SEC	POT T DEG K	E PUT T DEG K	MX RTU GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.4	200.0	948.5	-2.4	-3.2	295.0	4.1	3.7	-1.7	271.6	274.0	2.9	92.0	0.0	0.
00.9	99.9	54.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	6.7	309.1	975.0	-3.4	-3.8	91.3	7.8	-7.8	0.1	272.7	279.6	3.0	97.3	0.7	119.
1.0	6.7	514.0	950.0	-4.7	-4.8	166.7	4.6	1.0	-4.4	272.7	280.0	2.8	99.3	0.7	123.
1.7	10.6	724.6	925.0	-4.2	-4.2	316.1	10.8	4.4	-9.9	275.4	283.3	3.0	100.4	1.0	135.
2.4	12.5	940.4	900.0	-4.9	-4.9	133.4	9.1	4.1	-8.2	276.8	284.5	3.0	100.5	1.0	142.
3.2	14.4	1142.0	875.0	-5.3	-5.3	323.8	4.5	5.6	-7.7	278.6	286.7	2.9	100.5	1.0	143.
3.9	16.5	1351.4	850.0	-6.2	-6.2	316.8	10.0	6.8	-7.3	280.0	287.5	2.8	100.4	2.3	142.
4.7	18.5	1621.1	825.0	-6.5	-6.5	317.9	10.6	7.6	-7.3	282.1	289.7	2.9	100.3	2.7	141.
5.5	20.5	1811.8	800.0	-6.8	-6.8	308.9	8.9	7.1	-5.3	284.3	292.0	2.9	100.3	3.2	140.
6.3	22.6	2111.6	775.0	-7.5	-8.0	302.4	7.5	6.5	-5.1	286.1	293.5	2.7	96.3	3.6	138.
7.2	24.3	2366.3	750.0	-9.2	-10.5	302.4	9.3	7.8	-5.1	286.8	293.2	2.3	90.4	4.0	136.
8.0	26.9	2624.0	725.0	-10.6	-11.3	301.5	11.6	4.9	-6.1	288.2	294.4	2.2	94.2	4.5	135.
8.9	29.1	2847.9	700.0	-11.2	-15.7	292.5	12.8	11.8	-5.0	290.3	294.8	1.6	68.4	5.2	133.
9.3	31.7	3176.4	675.0	-12.8	-16.6	282.5	13.1	12.8	-2.0	291.5	296.0	1.5	73.1	5.9	131.
10.4	34.2	3461.6	650.0	-14.2	-17.1	274.1	13.3	13.3	-0.9	293.1	297.6	1.5	78.5	6.5	126.
11.7	36.3	3717.5	625.0	-15.8	-19.3	269.7	14.0	14.0	0.1	294.5	298.4	1.3	74.2	7.2	123.
12.7	39.7	4067.0	600.0	-18.0	-21.1	264.7	13.4	13.3	1.2	295.4	299.0	1.2	76.7	7.9	119.
13.9	41.6	4341.4	575.0	-20.4	-23.3	261.2	13.3	13.2	2.0	296.2	299.2	1.0	77.5	8.5	116.
14.9	44.3	4711.3	550.0	-23.1	-26.0	261.4	13.6	13.8	2.0	296.7	299.2	0.8	77.2	9.3	112.
15.9	47.1	5033.3	525.0	-25.9	-30.2	262.3	13.9	13.5	1.8	297.4	299.2	0.6	66.6	10.0	110.
17.0	50.1	5401.7	500.0	-28.9	-34.0	263.2	14.2	14.2	1.2	297.9	299.2	0.4	61.1	10.9	108.
18.1	52.9	5764.6	475.0	-31.9	-37.1	262.4	13.1	13.0	1.7	298.5	299.5	0.3	59.7	11.7	106.
19.2	55.8	6146.0	450.0	-35.5	-42.1	256.4	12.3	11.9	2.9	298.6	299.3	0.2	50.0	12.4	104.
20.6	58.7	6541.1	425.0	-38.8	-46.2	252.0	12.4	11.8	3.8	299.3	299.8	0.1	44.6	13.2	102.
21.9	62.3	6956.1	400.0	-42.7	-49.4	245.2	12.4	11.3	5.2	299.5	299.9	99.9	99.9	14.1	100.
23.4	65.6	7386.4	375.0	-46.6	-49.9	250.2	12.0	11.3	4.1	299.9	299.9	99.9	99.9	15.0	98.
24.7	68.2	7840.1	350.0	-50.6	-49.9	262.2	11.0	10.9	1.5	300.5	299.9	99.9	99.9	16.0	96.
26.8	72.8	8314.2	325.0	-54.9	-49.9	268.9	10.6	10.6	0.2	301.0	299.9	99.9	99.9	17.2	96.
28.6	76.8	8830.2	300.0	-55.1	-49.9	252.4	13.0	12.4	3.9	307.7	299.9	99.9	99.9	18.5	95.
30.6	81.0	9345.0	275.0	-55.7	-49.9	241.1	16.3	14.3	7.9	314.6	299.9	99.9	99.9	20.0	92.
32.9	84.4	9844.4	250.0	-53.6	-49.9	248.1	21.4	19.9	7.9	326.4	299.9	99.9	99.9	22.2	89.
35.3	90.3	10473.0	225.0	-53.0	-49.9	246.4	27.4	25.2	11.0	337.3	299.9	99.9	99.9	25.8	86.
38.1	95.5	11433.2	200.0	-42.8	-49.9	241.8	24.6	25.2	13.6	349.1	299.9	99.9	99.9	30.2	83.
41.4	101.0	12244.7	175.0	-51.3	-49.9	230.5	28.2	24.3	14.3	365.2	299.9	99.9	99.9	35.6	80.
44.7	107.8	13193.2	150.0	-52.5	-49.9	244.9	31.4	26.4	13.3	379.7	299.9	99.9	99.9	41.3	77.
48.0	115.0	14067.6	125.0	-53.8	-49.9	235.9	36.1	28.2	19.1	397.6	299.9	99.9	99.9	49.3	75.
53.0	123.7	15827.4	100.0	-57.3	-49.9	252.2	24.0	22.8	7.4	417.1	299.9	99.9	99.9	58.6	74.
59.9	133.5	17475.6	75.0	-54.7	-49.9	244.4	22.4	22.8	2.2	447.8	299.9	99.9	99.9	69.5	74.
68.5	144.3	20144.7	50.0	-63.9	-49.9	271.1	22.1	22.1	-0.4	492.9	299.9	99.9	99.9	80.8	76.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
UMANA, NFH

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

144 38. 1

TIME MIN	CNTCT	HEIGHT GDM	REFS M	TEMP DG C	MLW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	400.0	473.2	-14.4	-19.5	140.0	12.9	4.4	-12.1	260.9	261.1	0.8	65.0	0.0	0.
0.5	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.5	9.8	582.8	970.0	-15.4	-14.5	309.9	2.3	1.7	-1.4	261.6	264.1	0.9	77.5	0.8	156.
2.0	11.9	781.5	975.0	-17.3	-18.7	339.5	14.6	5.1	-13.7	261.7	264.2	0.9	88.9	1.2	156.
2.5	14.3	943.1	970.0	-15.5	-15.4	348.6	14.0	2.4	-13.6	265.7	269.0	1.3	98.0	1.9	159.
3.0	16.4	1204.9	975.0	-10.3	-10.5	351.6	11.6	1.7	-11.4	273.3	278.5	2.0	98.8	2.5	163.
3.5	18.7	1424.7	970.0	-10.0	-10.1	343.7	8.4	2.5	-8.4	275.9	281.5	2.1	98.9	2.9	163.
4.0	21.0	1654.6	975.0	-11.0	-11.1	327.3	8.5	4.6	-7.1	277.2	282.6	2.0	98.7	3.3	162.
4.5	23.3	1894.9	970.0	-11.8	-11.9	329.9	10.0	5.0	-6.6	278.5	284.0	1.9	98.6	3.6	161.
5.0	25.7	2134.5	975.0	-11.5	-11.7	327.1	8.7	4.7	-7.3	281.7	287.2	2.0	98.6	4.1	160.
5.5	28.1	2382.4	970.0	-11.3	-11.4	320.7	7.1	4.4	-5.4	284.6	290.5	2.1	98.7	4.5	158.
6.0	30.7	2650.0	975.0	-12.1	-12.3	317.5	7.2	4.9	-5.4	286.4	292.2	2.1	98.6	4.8	157.
6.5	33.3	2917.1	970.0	-11.7	-11.9	317.5	9.5	6.4	-7.0	289.8	296.0	2.2	98.6	5.2	155.
7.0	35.9	3197.1	975.0	-13.1	-13.4	313.7	12.3	8.9	-8.5	291.3	297.0	2.0	97.4	5.6	154.
7.5	38.3	3474.1	970.0	-16.7	-19.2	306.3	12.6	10.2	-7.5	292.5	295.2	1.3	68.1	6.4	151.
8.0	41.0	3754.9	975.0	-16.8	-21.8	301.6	13.1	11.2	-6.9	293.3	296.5	1.1	64.9	7.0	148.
8.5	43.9	4037.1	970.0	-19.4	-23.6	297.6	12.4	11.0	-5.7	293.8	298.6	0.9	69.2	7.7	146.
9.0	46.9	4400.1	975.0	-21.7	-27.3	290.1	12.2	11.0	-5.4	294.7	296.8	0.7	60.0	8.2	143.
9.5	49.9	4775.4	970.0	-24.6	-28.7	286.0	11.7	10.5	-5.1	295.3	297.0	0.6	58.1	9.0	141.
10.0	52.5	5061.1	975.0	-26.9	-30.7	283.5	10.5	10.0	-3.3	296.2	297.9	0.6	69.4	9.5	139.
10.5	55.6	5413.3	970.0	-29.7	-33.8	283.0	9.8	9.6	-2.2	296.9	299.3	0.4	66.7	10.1	137.
11.0	58.9	5776.5	975.0	-33.0	-37.1	274.9	9.1	9.0	-0.8	297.1	298.2	0.3	66.3	10.7	135.
11.5	61.1	6134.2	970.0	-36.2	-40.1	264.9	8.1	8.3	0.0	297.7	298.6	0.2	65.9	11.1	133.
12.0	63.3	6548.2	975.0	-39.8	-43.4	258.0	6.5	8.5	0.3	298.1	299.9	99.9	99.9	11.6	130.
12.5	65.9	6958.9	970.0	-43.6	-46.9	245.1	8.0	8.0	0.7	298.4	299.9	99.9	99.9	12.2	128.
13.0	72.5	7342.0	975.0	-47.6	-49.9	241.4	8.2	8.1	1.2	298.6	299.9	99.9	99.9	12.7	126.
13.5	76.9	7680.7	970.0	-51.6	-53.9	238.3	6.5	5.6	3.4	299.1	299.9	99.9	99.9	13.1	123.
14.0	80.3	8117.4	975.0	-55.4	-56.4	231.2	6.8	6.0	4.0	300.3	299.9	99.9	99.9	13.3	121.
14.5	84.4	8623.5	970.0	-58.9	-59.9	226.3	10.0	9.2	4.0	302.4	299.9	99.9	99.9	13.7	119.
15.0	87.9	9147.5	975.0	-58.9	-59.9	228.1	10.8	10.8	2.2	309.9	299.9	99.9	99.9	14.4	116.
15.5	91.4	9667.1	970.0	-57.4	-57.4	220.2	11.0	11.0	-0.0	320.8	299.9	99.9	99.9	15.3	114.
16.0	96.2	10039.5	975.0	-55.0	-55.0	205.2	16.2	16.2	1.4	336.2	299.9	99.9	99.9	16.8	111.
16.5	103.3	11134.2	970.0	-51.6	-51.6	201.5	16.8	16.8	2.5	347.9	299.9	99.9	99.9	18.6	108.
17.0	109.2	12214.4	975.0	-51.2	-51.2	204.4	16.2	16.2	1.5	362.0	299.9	99.9	99.9	21.6	105.
17.5	115.2	13251.1	970.0	-52.2	-52.2	203.0	19.5	19.4	2.4	380.2	299.9	99.9	99.9	25.0	101.
18.0	123.7	14431.1	975.0	-52.0	-52.0	201.5	19.0	18.1	3.0	400.9	299.9	99.9	99.9	28.9	98.
18.5	129.7	15777.4	970.0	-56.7	-56.7	200.5	20.2	20.0	3.3	422.0	299.9	99.9	99.9	34.9	95.
19.0	137.9	17647.8	975.0	-58.4	-58.4	200.8	20.4	20.4	0.1	450.4	299.9	99.9	99.9	43.2	93.
19.5	146.0	20212.7	970.0	-61.9	-61.9	208.4	17.4	16.5	-5.5	497.6	299.9	99.9	99.9	52.6	94.
20.0	153.9	22909.9	975.0	-69.9	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562  
NORTH PLATE, NFR  
5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCTY	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0-0	12-1	947.0	924.1	-13.9	-20.5	350.0	8.8	1.5	-6.7	265.3	267.4	0.8	57.0	0.0	0.
0-3	99.9	947.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0-6	99.9	947.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0-9	99.9	947.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0-12	99.9	947.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0-15	18.1	1047.5	930.0	-15.1	-20.7	347.3	13.0	2.8	-12.7	266.1	268.3	0.8	61.9	0.8	165.
0-18	18.3	1275.8	975.0	-17.0	-20.8	340.7	12.4	4.1	-11.7	266.2	268.4	0.8	72.5	1.3	163.
0-21	18.3	1876.3	950.0	-19.3	-21.4	345.5	12.8	3.2	-12.4	266.0	268.2	0.8	83.4	1.3	163.
0-24	21.2	1695.3	925.0	-18.6	-19.2	342.0	12.3	3.8	-11.7	269.1	271.8	1.0	95.2	2.5	163.
0-27	25.0	1974.2	900.0	-16.3	-16.6	330.4	14.0	6.9	-12.1	273.9	277.4	1.3	97.5	3.1	162.
0-30	4.7	2163.8	775.0	-14.4	-14.7	334.4	10.8	4.7	-9.7	278.5	282.9	1.6	97.1	3.7	161.
0-33	28.4	2414.6	750.0	-12.0	-12.2	341.3	9.7	3.1	-9.2	283.8	289.4	2.0	100.5	4.1	160.
0-36	31.3	2674.4	725.0	-10.3	-10.3	345.9	8.6	2.1	-8.4	288.5	295.2	2.4	101.4	4.6	161.
0-39	7.4	3250.1	700.0	-11.0	-11.2	340.6	7.4	2.5	-7.0	290.6	297.2	2.3	98.1	5.1	161.
0-42	8.4	3511.7	675.0	-12.9	-13.5	328.1	6.5	3.4	-5.5	291.5	297.2	2.0	95.5	5.5	161.
0-45	36.4	3511.7	650.0	-14.8	-15.1	298.4	6.2	4.4	-3.0	292.7	297.9	1.8	96.0	5.9	159.
0-48	10.3	3811.4	625.0	-16.5	-17.0	290.7	8.4	7.8	-3.0	293.7	298.4	1.6	95.5	6.1	156.
0-51	11.5	4117.8	600.0	-18.6	-19.6	301.7	9.7	8.3	-5.1	294.7	298.7	1.3	91.9	6.6	152.
0-54	12.4	4414.0	575.0	-20.4	-22.2	304.0	9.7	7.0	-6.0	295.6	298.9	1.1	89.4	7.2	151.
0-57	50.2	4761.0	550.0	-23.2	-24.3	307.1	8.9	7.1	-5.4	296.7	299.6	1.0	89.8	7.7	149.
0-60	14.7	5073.8	525.0	-26.0	-28.1	301.4	10.2	7.5	-4.7	297.2	299.4	0.7	80.9	8.2	147.
0-63	15.7	5373.7	500.0	-29.2	-32.1	294.4	10.2	8.8	-5.0	297.5	299.1	0.5	75.3	8.8	145.
0-66	56.1	5614.9	475.0	-32.4	-37.1	296.9	9.5	8.5	-4.3	297.9	298.9	0.3	62.8	9.4	144.
0-69	62.5	5913.4	450.0	-35.6	-40.0	290.7	8.3	7.7	-2.9	298.4	299.3	0.3	63.7	10.0	142.
0-72	19.2	6217.6	425.0	-38.5	-43.9	289.1	7.0	6.6	-2.3	298.4	299.0	0.2	62.5	10.4	140.
0-75	63.4	6519.4	400.0	-43.4	99.9	286.8	5.8	5.6	-1.7	298.6	299.9	99.9	999.9	10.9	139.
0-78	72.4	6819.0	375.0	-47.1	99.9	280.0	5.9	5.8	-1.0	299.2	299.9	99.9	999.9	11.2	137.
0-81	76.8	7113.2	350.0	-51.5	99.9	255.2	6.2	6.0	1.6	297.3	299.9	99.9	999.9	11.6	135.
0-84	80.5	7410.0	325.0	-54.8	99.9	229.7	8.7	6.0	5.6	301.1	299.9	99.9	999.9	11.8	132.
0-87	84.9	7714.4	300.0	-58.6	99.9	249.7	9.4	8.8	3.3	305.6	299.9	99.9	999.9	12.0	128.
0-90	88.4	8014.4	275.0	-62.0	99.9	271.2	10.6	10.6	-0.2	312.7	299.9	99.9	999.9	12.7	126.
0-93	91.5	8314.2	250.0	-65.0	99.9	285.7	11.6	13.1	-3.7	324.2	299.9	99.9	999.9	14.1	122.
0-96	98.2	8614.4	225.0	-68.0	99.9	289.0	17.4	16.8	-5.8	336.8	299.9	99.9	999.9	16.1	120.
0-99	103.4	8914.5	200.0	-73.0	99.9	302.5	16.8	14.1	-9.0	348.8	299.9	99.9	999.9	19.1	120.
1-02	109.3	9214.6	175.0	-77.9	99.9	286.1	20.5	19.7	-5.7	362.7	299.9	99.9	999.9	21.7	119.
1-05	115.1	9514.1	150.0	-82.5	99.9	297.3	18.6	16.0	-8.5	374.6	299.9	99.9	999.9	26.0	118.
1-08	121.3	9814.9	125.0	-87.0	99.9	285.4	15.8	15.3	-4.2	401.1	299.9	99.9	999.9	29.8	117.
1-11	127.3	10114.7	100.0	-91.9	99.9	272.8	22.1	22.0	-1.1	425.4	299.9	99.9	999.9	35.0	115.
1-14	133.7	10414.5	75.0	-96.2	99.9	290.3	18.8	18.5	-3.3	455.0	299.9	99.9	999.9	42.2	112.
1-17	140.1	10714.5	50.0	-100.4	99.9	298.7	16.7	14.7	-8.0	501.3	299.9	99.9	999.9	51.7	111.
1-20	146.4	11014.5	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DLG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM HALF MINUTE VALUES

151 30. 1

TIME MIN	CMCT	WEIGHT GPM	PRES IN	TEMP DEG C	DEPT DEG C	DIR DEG	SPEED M/SFL	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE A2 KM	AZ DEG
0.0	4.4	20.0	1013.3	-3.3	-5.5	20.0	3.0	-1.2	-3.4	269.2	275.5	2.5	85.0	0.0	0.
0.4	5.4	124.7	1000.0	-3.4	-4.0	177.9	2.0	-0.1	2.0	269.7	276.9	2.8	98.6	0.5	204.
1.2	7.4	374.0	975.0	-2.7	-2.7	49.0	5.5	-5.5	-0.0	272.6	281.0	3.2	100.7	0.5	217.
2.1	12.1	531.1	950.0	-2.5	-2.5	99.3	9.1	-9.0	1.5	275.1	283.7	3.4	100.8	0.8	243.
2.9	12.0	742.5	925.0	-3.7	-3.7	111.1	9.4	-9.2	3.5	276.0	284.1	3.2	100.6	1.2	257.
3.7	14.4	950.0	900.0	-4.9	-4.9	145.0	10.6	-8.5	6.3	276.8	284.5	2.9	100.4	1.6	269.
4.4	16.4	1140.4	875.0	-5.0	-5.0	145.9	11.6	-6.5	9.6	278.9	286.9	3.0	100.4	2.0	280.
5.3	18.7	1470.4	850.0	-5.2	-5.2	152.2	9.9	-4.6	6.8	281.1	289.2	3.1	100.4	2.4	291.
6.1	20.4	1647.1	825.0	-5.2	-5.2	171.7	7.4	-1.1	7.4	283.5	292.0	3.2	100.4	2.7	298.
7.1	23.2	1845.1	800.0	-5.2	-5.2	210.5	5.1	2.6	4.4	286.0	294.7	3.2	100.4	2.8	304.
7.7	25.3	2134.4	775.0	-6.0	-6.0	229.2	6.7	5.1	4.4	287.7	296.3	3.1	100.2	2.7	309.
8.4	27.9	2331.5	750.0	-5.7	-5.7	231.4	10.4	8.2	6.6	290.7	299.9	3.3	100.3	2.7	319.
9.7	30.3	2637.1	725.0	-7.2	-7.2	244.2	12.1	9.8	7.1	291.9	300.5	3.1	100.1	2.7	334.
10.6	33.1	2930.0	700.0	-8.5	-8.5	232.3	12.1	9.6	7.4	293.5	301.5	2.9	99.9	2.9	347.
11.7	35.4	3211.8	675.0	-9.0	-10.0	226.6	13.2	9.6	9.0	294.9	302.5	2.7	99.2	3.3	358.
12.7	38.2	3502.3	650.0	-11.7	-11.9	221.2	15.9	10.5	12.0	296.0	302.8	2.4	98.1	4.0	7.
13.6	40.8	3802.6	625.0	-12.5	-12.4	223.9	18.1	12.6	13.1	298.4	303.8	2.3	97.6	4.9	13.
14.7	43.0	4113.0	600.0	-13.4	-14.1	236.4	17.5	14.6	9.7	300.4	306.7	2.1	97.4	5.8	20.
15.8	46.5	4416.2	575.0	-16.3	-16.8	241.0	18.6	16.3	9.0	301.1	306.5	1.8	95.7	6.8	27.
17.1	49.3	4707.1	550.0	-18.9	-19.8	244.5	18.9	14.1	9.4	301.4	306.2	1.4	93.1	8.1	33.
18.4	52.1	5113.3	525.0	-22.5	-24.4	246.5	20.8	19.0	8.3	301.4	304.6	1.0	84.7	9.5	37.
19.6	54.4	5470.1	500.0	-27.1	-24.4	252.7	23.1	22.1	6.9	302.5	304.6	0.7	56.6	10.8	42.
21.0	58.4	5861.2	475.0	-27.7	-31.0	250.9	23.7	22.4	7.7	303.7	305.7	0.6	72.9	12.9	46.
22.4	61.7	6227.4	450.0	-30.5	-34.1	251.1	22.4	21.2	7.3	304.8	306.4	0.5	70.9	14.3	49.
23.8	65.3	6631.1	425.0	-33.8	-39.1	248.7	25.2	23.5	9.1	305.7	307.6	0.3	58.1	16.2	52.
25.3	68.1	7031.6	400.0	-36.4	-44.0	250.9	27.6	24.3	8.4	307.0	307.6	0.2	47.0	18.3	54.
26.9	71.4	7490.6	375.0	-40.4	-49.9	254.7	27.6	26.4	7.3	307.5	309.9	99.9	99.9	20.9	56.
28.5	75.4	7911.6	350.0	-45.2	-49.9	256.3	31.1	30.2	7.4	307.7	309.9	99.9	99.9	23.6	59.
30.4	79.1	8451.4	325.0	-49.4	-49.9	252.3	35.0	33.6	10.6	308.5	309.9	99.9	99.9	27.1	61.
32.4	83.7	8971.5	300.0	-53.3	-49.9	250.8	34.8	32.9	11.4	310.2	309.9	99.9	99.9	31.3	62.
34.4	87.4	9510.7	275.0	-55.1	-49.9	256.4	49.2	47.8	11.6	314.7	309.9	99.9	99.9	36.9	64.
37.5	92.3	10132.3	250.0	-58.2	-49.9	255.1	52.9	51.2	13.6	314.6	309.9	99.9	99.9	45.6	66.
40.5	96.6	10744.9	225.0	-58.4	-49.9	255.1	60.9	58.9	15.6	329.0	309.9	99.9	99.9	55.5	68.
44.0	101.4	11514.1	200.0	-57.5	-49.9	254.0	51.69	50.5	10.7	341.7	309.9	99.9	99.9	67.2	69.
47.7	107.5	12375.4	175.0	-59.3	-49.9	254.2	48.48	47.4	9.9	352.0	309.9	99.9	99.9	78.1	70.
52.0	113.3	13314.2	150.0	-60.4	-49.9	271.5	45.46	45.4	-1.3	366.0	309.9	99.9	99.9	92.1	72.
57.3	120.3	14472.5	125.0	-61.8	-49.9	249.9	49.08	44.9	99.9	381.1	309.9	99.9	99.9	999.9	999.
63.3	124.3	15850.1	100.0	-61.4	-49.9	249.2	49.9	44.9	99.9	407.2	309.9	99.9	99.9	999.9	999.
70.9	136.7	17632.9	75.0	-65.4	-49.9	249.9	49.9	99.9	99.9	435.5	309.9	99.9	99.9	999.9	999.
82.7	146.0	20033.0	50.0	-64.1	-49.9	249.9	49.9	49.9	99.9	483.0	309.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 637  
PLINT, MICH

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

146 43. 1

TIME MIN	CNTCT	HEIGHT GM	PRES MM	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.2	6.1	230.0	950.4	0.0	-2.2	40.0	5.2	-3.3	-4.0	275.1	283.7	3.3	95.0	0.0	0.
0.3	99.3	40.4	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	6.7	240.4	975.0	-0.1	-1.6	47.0	1.1	-0.8	-0.6	275.5	284.5	3.5	99.3	0.3	280.
0.5	8.4	437.9	950.0	-1.9	-2.3	53.7	2.4	-1.9	-1.4	275.7	284.4	3.4	96.8	0.4	222.
1.0	10.3	649.7	925.0	-3.4	-3.6	48.9	7.1	-5.3	-4.7	276.3	284.5	3.2	98.1	0.7	228.
2.3	13.7	915.9	920.0	-4.5	-4.7	44.9	6.1	-4.3	-4.3	277.3	285.1	3.0	98.1	1.0	228.
3.1	15.2	1114.1	875.0	-4.5	-4.4	51.5	5.5	-4.3	-3.4	279.4	287.5	3.1	98.0	1.3	225.
3.9	17.3	1316.7	850.0	-4.7	-4.9	65.8	4.1	-3.4	-1.7	281.7	290.0	3.1	98.0	1.5	228.
4.6	19.6	1601.8	825.0	-5.2	-5.5	81.0	1.4	-1.4	-0.2	283.5	291.8	3.1	98.0	1.6	230.
5.4	21.7	1848.2	800.0	-4.4	-4.6	308.1	1.3	1.0	-0.6	286.9	296.1	3.4	98.1	1.6	230.
6.2	24.1	2048.1	775.0	-5.4	-5.7	291.9	1.8	1.6	-0.7	288.4	297.3	3.2	97.9	1.6	227.
7.1	26.1	2351.5	750.0	-6.1	-6.5	106.6	2.4	1.9	-1.5	290.3	299.0	3.1	97.7	1.6	224.
7.9	28.4	2614.4	725.0	-7.5	-8.1	258.1	3.7	3.3	-1.7	291.6	292.6	2.9	95.4	1.6	218.
8.6	31.1	2841.2	700.0	-9.0	-9.4	280.0	4.4	4.4	-0.6	292.9	300.4	2.7	96.4	1.5	209.
9.8	33.9	3178.2	675.0	-10.3	-10.9	269.7	3.9	3.9	0.0	294.4	301.4	2.5	95.3	1.4	200.
10.7	36.4	3467.0	650.0	-12.4	-13.3	275.1	3.3	3.1	0.3	295.2	301.3	2.1	92.4	1.2	193.
11.7	39.1	3747.0	625.0	-14.2	-15.7	254.7	3.6	3.4	1.2	296.4	301.6	1.8	88.8	1.3	185.
12.7	41.7	4047.4	600.0	-16.2	-17.6	239.0	5.0	4.3	2.6	297.5	302.3	1.6	89.2	1.2	175.
13.7	44.4	4347.4	575.0	-18.2	-19.6	240.3	6.8	5.7	3.4	298.8	303.1	1.4	88.5	1.1	158.
14.6	47.4	4717.4	550.0	-20.9	-22.6	241.2	8.5	7.4	4.1	299.4	302.8	1.1	85.6	1.1	134.
15.8	50.1	5067.0	525.0	-23.5	-25.1	238.1	10.3	8.8	5.5	300.2	303.1	0.9	86.7	1.4	108.
16.9	53.1	5417.0	500.0	-26.3	-27.9	239.7	12.0	10.3	6.0	301.0	303.4	0.8	86.3	2.0	92.
18.0	56.1	5767.6	475.0	-29.1	-31.1	240.8	12.8	11.2	6.3	301.7	303.6	0.6	84.6	2.8	83.
19.1	59.5	6167.4	450.0	-32.5	-34.4	237.4	13.7	11.5	7.4	302.4	303.9	0.5	82.9	3.6	77.
20.4	62.3	6567.4	425.0	-35.8	-37.8	240.9	15.5	13.6	7.6	303.1	304.3	0.3	81.8	4.6	73.
21.7	66.2	6967.6	400.0	-39.1	-41.9	242.5	16.0	14.1	7.4	303.9	304.9	0.9	99.9	5.8	71.
23.1	69.9	7427.6	375.0	-43.4	-46.4	237.4	16.3	13.8	8.7	304.2	304.9	0.9	99.9	7.2	69.
24.6	73.4	7887.7	350.0	-47.3	-50.4	237.8	16.8	14.2	8.9	304.9	304.9	0.9	99.9	8.6	67.
26.1	77.5	8367.4	325.0	-52.0	-55.9	232.5	16.4	15.0	11.5	305.0	304.9	0.9	99.9	10.3	65.
27.8	81.4	8847.9	300.0	-56.3	-60.3	232.6	21.2	16.8	12.9	306.1	304.9	0.9	99.9	12.2	63.
29.5	85.7	9437.5	275.0	-60.5	-64.5	234.1	22.1	17.9	13.0	313.5	304.9	0.9	99.9	14.4	61.
31.1	90.2	10017.7	250.0	-64.7	-68.7	236.2	24.0	20.0	13.4	321.8	304.9	0.9	99.9	16.9	61.
33.3	95.2	10713.2	225.0	-68.3	-72.9	236.9	30.9	25.4	16.9	335.4	304.9	0.9	99.9	20.2	60.
35.0	100.4	11471.9	200.0	-72.7	-77.9	244.7	31.6	28.5	13.5	340.2	304.9	0.9	99.9	24.6	60.
38.2	106.1	12315.2	175.0	-76.4	-82.4	246.6	37.1	34.1	14.6	363.4	304.9	0.9	99.9	29.7	61.
41.2	112.4	13124.7	150.0	-82.9	-89.9	246.0	10.6	28.0	12.5	379.0	304.9	0.9	99.9	35.0	62.
44.5	119.5	14047.3	125.0	-86.4	-94.9	254.1	34.2	32.4	9.2	342.9	304.9	0.9	99.9	42.3	63.
48.5	127.7	15071.3	100.0	-90.4	-99.9	250.8	33.5	31.7	11.0	410.0	304.9	0.9	99.9	50.6	65.
54.0	147.3	17487.1	75.0	-93.3	-99.9	261.1	31.9	31.5	4.9	440.2	304.9	0.9	99.9	59.5	67.
61.3	147.5	20131.4	50.0	-94.7	-99.9	272.7	25.7	25.7	-1.2	441.1	304.9	0.9	99.9	72.2	70.
68.9	99.3	20.0	25.0	40.9	99.9	44.4	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE NO TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
POOR QUALITY

STATION NO. 645  
GREEN BAY, WIS  
5 FEBRUARY 1975  
2115 GMT

TIME MIN	CNTCT	WEIGHT GPM	WINDS WIND	TEMP DG C	DLW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T C C K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0		210.0	486.1	-2.2	-4.4	20.0	4.2	-1.4	-3.9	272.4	279.6	2.8	85.0	0.0	0.
0.4	99.9	499.9	1030.0	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.8	8.1	209.9	975.0	-3.2	-4.0	24.9	8.0	-3.0	-7.8	272.3	279.7	2.9	94.2	0.2	201.
1.2	10.1	504.0	450.0	-5.1	-5.4	10.1	8.9	-4.4	-7.7	272.3	279.3	2.7	98.3	0.6	205.
2.0	12.5	714.2	425.0	-6.2	-6.2	36.7	9.0	-5.4	-7.2	273.3	280.0	2.6	99.9	1.0	209.
2.4	14.3	974.1	900.0	-7.8	-7.9	43.1	9.6	-6.6	-7.0	273.8	279.9	2.3	99.9	1.5	212.
3.2	16.3	1147.9	875.0	-6.3	-6.1	50.7	9.2	-7.1	-5.8	275.5	281.6	2.3	99.5	1.9	216.
4.0	18.3	1172.7	450.0	-7.5	-7.6	55.1	9.2	-7.5	-5.3	278.6	285.1	2.5	99.4	2.4	219.
5.4	21.0	1621.0	825.0	-8.4	-8.8	56.9	8.6	-7.2	-4.7	280.0	286.4	2.4	97.0	2.8	222.
6.3	24.1	1843.1	400.0	-10.1	-10.1	67.4	6.3	-5.0	-2.8	280.6	286.4	2.1	96.9	3.2	224.
7.2	26.4	2044.2	775.0	-10.1	-10.3	77.9	7.7	-1.1	-2.4	283.2	289.3	2.2	98.5	3.4	225.
8.1	24.9	2140.6	750.0	-11.0	-11.3	334.9	2.7	1.1	-2.4	284.9	290.9	2.2	97.6	3.5	223.
9.3	31.0	2401.0	725.0	-11.8	-12.1	312.4	3.5	2.6	-2.4	286.7	292.0	2.1	98.3	3.6	221.
10.1	38.3	2670.3	700.0	-13.1	-13.4	289.4	4.9	4.6	-1.6	288.2	293.6	1.9	97.4	3.5	216.
11.0	36.9	3145.1	675.0	-14.0	-14.5	281.9	5.7	5.6	-1.2	290.2	295.5	1.8	96.1	3.4	212.
12.3	34.7	1632.1	650.0	-15.4	-16.5	276.8	6.0	6.0	-0.7	291.3	296.0	1.6	93.7	3.3	206.
13.1	42.4	1776.4	625.0	-17.8	-18.6	270.2	6.0	6.0	-0.0	292.2	296.4	1.4	93.6	3.2	199.
14.1	48.4	4911.2	600.0	-19.9	-20.7	267.1	5.9	5.9	0.3	293.3	296.9	1.2	93.2	3.1	193.
15.2	48.6	6325.9	575.0	-22.2	-22.7	265.7	7.2	7.2	0.5	294.1	297.3	1.1	95.5	2.9	185.
16.4	51.6	6671.1	550.0	-24.7	-25.9	271.1	4.2	8.2	-0.2	294.8	297.4	0.8	89.6	3.0	174.
17.5	54.5	1004.5	525.0	-26.4	-28.3	265.2	4.0	9.0	0.7	296.2	298.4	0.7	87.0	3.1	163.
18.4	57.0	5724.4	500.0	-29.4	-31.5	260.0	10.5	10.4	1.7	297.1	298.8	0.5	82.3	3.3	150.
19.2	61.3	5772.5	475.0	-32.4	-34.5	251.6	10.9	10.3	3.4	297.9	299.2	0.4	61.2	3.6	137.
21.6	64.6	6101.7	450.0	-35.4	-37.5	247.5	11.9	11.0	4.5	298.8	299.8	0.3	60.7	4.1	124.
23.0	68.0	6477.1	425.0	-40.7	-40.7	245.3	10.9	9.9	4.4	299.7	300.5	0.3	79.4	4.7	114.
24.4	71.7	6410.9	400.0	-41.9	49.9	246.2	11.2	10.3	4.5	300.6	300.9	99.9	99.9	5.4	105.
26.1	75.0	7146.9	375.0	-45.5	99.9	241.1	17.1	13.6	5.8	301.4	300.9	99.9	99.9	6.2	99.
27.7	79.7	7403.9	350.0	-49.5	99.9	243.5	11.1	10.0	5.0	302.0	300.9	99.9	99.9	7.2	94.
29.4	83.4	7241.4	325.0	-51.7	99.9	250.7	10.8	10.2	3.6	302.7	300.9	99.9	99.9	8.2	90.
31.6	86.7	8722.3	300.0	-56.2	99.9	245.2	12.4	11.3	5.2	300.2	300.9	99.9	99.9	9.6	87.
33.6	93.3	9341.9	275.0	-58.9	99.9	248.7	13.1	12.2	5.8	309.9	300.9	99.9	99.9	11.1	84.
35.3	94.9	9940.9	250.0	-57.7	99.9	244.3	16.5	14.9	7.0	320.3	300.9	99.9	99.9	13.0	82.
38.4	103.2	13004.3	225.0	-55.4	99.9	251.4	17.1	16.2	5.4	333.6	300.9	99.9	99.9	15.7	79.
41.3	109.0	11362.4	200.0	-53.5	99.9	243.9	21.8	19.6	9.6	348.0	300.9	99.9	99.9	18.8	77.
44.6	115.0	1222.7	175.0	-51.5	99.9	244.1	22.9	20.7	9.9	361.6	300.9	99.9	99.9	23.3	74.
48.1	121.1	11.9	157.0	-54.0	99.9	251.2	21.1	22.2	6.6	377.0	300.9	99.9	99.9	28.7	74.
52.4	124.7	14110.0	125.0	-54.1	99.9	254.0	25.7	24.7	7.1	385.3	300.9	99.9	99.9	34.6	73.
57.4	136.5	15746.6	100.0	-54.0	99.9	254.6	24.3	23.4	6.5	415.7	300.9	99.9	99.9	41.6	74.
64.1	144.3	17593.5	75.0	-51.2	99.9	262.4	24.7	28.5	3.8	444.6	300.9	99.9	99.9	51.1	75.
72.4	152.0	20022.8	50.0	-41.8	99.9	275.4	19.0	18.9	-1.8	493.3	300.9	99.9	99.9	62.6	78.
90.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 PV TIME MEANS TEMPERATURE (PV TIME HAVE BEEN INTERPOLATED)  
00 PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MUNIM, S D

5 FEBRUARY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

144 26. 1

TIME MIN	CNTCT	HEIGHT CM	DRFS MM	TEMP HG C	DEW PT HG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.0	375.0	679.0	-15.6	-21.2	320.0	10.3	6.6	-7.9	259.2	271.1	0.7	82.0	0.0	0.
0.4	99.9	459.9	1070.0	49.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	7.3	475.0	975.0	-16.0	-21.0	122.0	7.1	4.4	-5.6	251.1	261.1	0.7	65.4	0.2	30.
1.2	10.3	617.9	925.0	-17.9	-20.2	120.6	3.8	-3.3	1.9	259.2	261.2	0.8	81.6	1.0	143.
1.6	13.2	1317.6	900.0	-17.0	-21.5	136.4	9.5	3.4	-7.9	259.3	261.3	0.7	84.6	1.1	146.
2.0	13.2	1317.6	875.0	-19.0	-22.2	311.3	15.9	7.1	-14.2	260.0	261.9	0.7	91.4	1.6	149.
2.4	13.2	1317.6	875.0	-19.0	-19.9	313.9	14.6	6.6	-13.1	264.2	264.6	0.9	91.8	2.1	150.
2.8	17.5	1444.8	850.0	-14.4	-19.1	337.7	13.2	6.0	-11.7	267.0	269.6	1.0	94.0	2.7	151.
3.2	19.8	1654.1	825.0	-15.2	-15.4	331.3	11.6	5.6	-10.2	272.7	276.5	1.4	98.4	3.1	151.
3.6	22.0	1701.1	800.0	-12.0	-12.9	311.7	7.8	3.6	-6.7	277.7	282.5	1.8	99.5	3.5	151.
4.0	24.3	2165.7	775.0	-17.1	-14.1	370.5	11.7	5.5	-8.7	279.9	285.4	1.7	92.6	3.9	151.
4.4	26.7	2165.1	750.0	-14.1	-15.0	316.3	11.0	5.5	-5.8	281.4	285.6	1.5	87.9	4.2	149.
4.8	29.2	2657.1	725.0	-17.1	-16.2	375.0	4.6	3.0	-9.4	283.0	287.2	1.5	91.7	4.5	149.
5.2	31.3	2917.5	700.0	-14.8	-12.1	400.8	8.6	2.2	-4.2	286.3	291.1	1.7	97.8	4.8	149.
5.6	34.6	1131.1	675.0	-15.2	-15.7	345.6	6.6	1.7	-6.6	286.9	293.6	1.7	95.8	5.1	150.
6.0	36.9	1477.6	650.0	-16.6	-17.4	341.5	6.1	1.9	-5.8	290.3	294.6	1.5	94.1	5.4	151.
6.4	39.5	1771.4	625.0	-18.7	-19.7	333.9	6.6	2.9	-5.9	291.2	294.9	1.3	92.0	5.8	151.
6.8	42.1	4726.1	600.0	-21.2	-21.6	374.4	7.3	4.2	-5.9	291.7	295.0	1.1	96.6	6.1	151.
7.2	45.2	4787.3	575.0	-23.1	-23.7	311.5	8.3	6.2	-5.5	293.0	298.0	1.0	94.4	6.5	150.
7.6	48.1	4711.6	550.0	-25.2	-26.3	105.6	10.0	8.1	-5.8	296.7	298.7	0.8	91.1	7.0	145.
8.0	50.7	5097.0	525.0	-27.7	-29.7	102.6	10.0	8.5	-5.4	295.2	297.1	0.6	82.5	7.5	147.
8.4	54.9	5394.9	500.0	-30.3	-32.4	291.0	10.0	9.4	-3.6	296.1	297.7	0.5	81.5	8.0	145.
8.8	57.0	5759.9	475.0	-32.9	-36.3	41.0	10.1	9.9	-2.1	297.2	298.4	0.4	73.7	8.5	142.
9.2	60.1	6139.0	450.0	-36.2	-39.5	241.2	11.6	11.4	-2.3	297.8	298.8	0.3	78.8	9.0	139.
9.6	63.7	6511.0	425.0	-39.7	-43.7	243.6	14.0	13.6	-3.2	298.2	298.8	0.2	64.7	9.9	136.
10.0	67.0	6941.4	400.0	-41.1	-49.0	247.1	10.5	10.6	-1.1	299.0	299.9	0.9	99.9	10.5	133.
10.4	70.6	7373.1	375.0	-46.4	-49.9	99.9	12.9	12.9	0.5	300.0	300.9	0.9	99.9	11.2	130.
10.8	74.3	7826.5	350.0	-50.4	-49.1	99.9	13.0	13.6	3.2	300.3	300.9	0.9	99.9	12.0	125.
11.2	78.1	8330.8	325.0	-54.9	-49.1	99.9	15.0	14.2	4.8	301.0	304.0	0.9	99.9	12.8	121.
11.6	82.2	8813.4	300.0	-59.1	-49.1	99.9	16.4	15.9	4.1	302.0	309.9	0.9	99.9	13.7	117.
12.0	86.4	9357.3	275.0	-60.1	-49.1	99.9	16.6	16.6	2.1	308.3	309.9	0.9	99.9	15.0	113.
12.4	91.2	9972.0	250.0	-57.1	-49.1	99.9	13.4	13.4	-0.5	319.6	309.9	0.9	99.9	16.3	111.
12.8	95.4	10619.6	225.0	-56.6	-49.1	99.9	12.1	11.4	-3.9	331.5	309.9	0.9	99.9	17.7	110.
13.2	100.1	11171.7	200.0	-53.6	-49.1	99.9	12.1	11.7	-6.0	367.9	309.9	0.9	99.9	19.4	110.
13.6	106.9	12227.0	175.0	-53.4	-49.1	99.9	10.5	10.5	-3.0	361.0	309.9	0.9	99.9	21.0	110.
14.0	112.4	13271.9	150.0	-53.3	-49.1	99.9	14.1	13.6	-2.8	378.2	309.9	0.9	99.9	23.3	107.
14.4	119.1	14343.5	125.0	-53.0	-49.1	99.9	11.8	11.2	-3.6	397.5	309.9	0.9	99.9	24.2	108.
14.8	127.0	15454.4	100.0	-44.1	-49.1	99.9	14.5	16.5	-0.2	423.1	309.9	0.9	99.9	29.7	107.
15.2	135.3	17653.9	75.0	-50.7	-49.9	99.9	17.5	17.1	-3.7	454.0	309.9	0.9	99.9	34.8	105.
15.6	142.7	20212.2	50.0	-50.3	-49.9	99.9	301.1	15.7	-8.1	501.2	309.9	0.9	99.9	42.1	107.
16.0	99.9	99.9	25.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SLOPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE FOR TEMP HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 655  
ST CLOUD, MINN

5 FEBRUARY 1975  
2315 GMT

163 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE LUFES

TIME MIN	CNTCT	WEIGHT GPH	PRES WD	TEMP DG C	DEW PT DG C	DIR DG	WIND M/SFC	U COMP M/SFC	V COMP M/SFC	POT T NG K	C POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.9	316.0	941.0	-11.7	-15.2	320.0	5.7	36.7	-6.4	263.0	266.1	1.2	75.0	0.0	0.
00.9	99.0	49.9	1000.0	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	6.6	161.1	975.0	-11.8	-15.5	273.0	1.5	-5	-0.1	263.4	266.4	1.2	74.4	0.6	137.
0.9	11.1	561.2	970.0	-14.1	-15.1	329.6	4.6	2.3	-4.0	263.1	266.3	1.2	71.9	0.7	136.
1.6	12.3	766.2	925.0	-11.5	-11.5	368.2	13.1	2.7	-12.0	267.8	272.2	1.2	100.0	1.1	146.
2.3	16.4	975.1	900.0	-10.5	-10.5	368.6	9.2	1.8	-9.0	271.0	276.0	1.9	100.0	1.5	154.
3.0	19.3	1192.0	875.0	-10.7	-10.7	332.0	7.1	3.4	-6.5	272.9	278.0	1.9	100.0	1.9	150.
3.9	21.2	1415.0	850.0	-11.1	-11.1	311.5	6.3	4.7	-4.2	274.8	279.9	1.9	100.0	2.2	153.
4.6	24.0	1669.4	825.0	-11.4	-11.4	303.9	6.5	5.4	-3.6	276.8	282.0	1.9	100.0	2.5	156.
5.4	27.5	1860.0	800.0	-11.5	-11.5	298.3	5.0	4.5	-2.1	279.2	284.6	2.0	100.0	2.7	162.
6.2	30.5	2127.6	775.0	-12.9	-12.9	290.0	5.7	5.3	-1.9	283.1	288.1	1.8	100.0	2.9	167.
7.2	33.5	2373.1	750.0	-14.4	-14.4	283.2	6.6	6.4	-1.5	285.1	290.1	1.7	94.4	3.2	161.
8.1	36.4	2640.1	725.0	-14.0	-14.2	279.8	7.9	7.8	-1.3	286.3	289.2	1.8	94.4	3.4	137.
9.0	39.3	2897.4	700.0	-14.6	-14.6	277.9	8.3	8.2	-1.1	288.6	291.1	1.7	95.7	3.9	132.
10.1	42.4	3171.7	675.0	-14.2	-14.9	275.4	8.0	7.9	-1.0	287.7	292.0	1.4	94.3	4.3	129.
10.7	45.2	3455.0	650.0	-14.1	-14.4	273.1	7.2	7.2	-0.5	286.7	292.0	1.4	96.9	4.7	126.
11.9	49.0	3740.9	625.0	-20.0	-20.0	270.1	6.7	6.7	-0.0	289.8	293.4	1.2	99.3	5.0	123.
12.9	52.1	4046.8	600.0	-21.1	-21.4	262.6	7.8	7.7	1.0	291.8	295.2	1.1	97.3	5.4	121.
13.9	55.4	4361.9	575.0	-21.3	-21.0	256.1	8.5	8.3	2.1	292.8	295.6	1.1	94.3	5.7	118.
14.9	58.9	4685.6	550.0	-24.1	-24.6	260.4	8.2	8.1	1.4	293.2	295.6	0.8	95.4	6.1	114.
16.0	62.6	5120.6	525.0	-24.7	-24.1	267.0	8.5	8.5	0.4	293.9	295.9	0.8	96.4	6.6	112.
17.3	66.3	5567.9	500.0	-31.5	-31.7	274.8	10.4	10.1	-0.9	294.7	296.3	0.5	95.7	7.3	110.
18.6	69.7	5992.2	475.0	-34.2	-35.6	276.0	12.5	12.4	-1.3	295.7	296.9	0.4	86.6	8.1	108.
19.9	73.5	6405.2	450.0	-37.3	-43.1	270.4	15.1	15.1	-0.1	296.4	297.0	0.2	54.2	9.3	107.
21.3	77.4	6847.7	425.0	-47.1	99.7	267.6	15.9	15.9	0.7	297.5	299.9	99.9	99.9	10.5	106.
22.6	81.3	7304.7	400.0	-7.1	99.9	266.9	16.0	16.0	0.3	298.0	299.9	99.9	99.9	11.9	102.
24.5	85.6	7738.7	375.0	-7.7	99.9	267.2	17.5	17.5	0.9	298.8	299.9	99.9	99.9	13.6	101.
26.3	90.0	8144.9	350.0	-51.8	99.9	266.7	18.2	18.2	1.7	298.7	299.9	99.9	99.9	15.4	99.
28.1	94.6	8544.4	325.0	-55.9	99.9	266.2	18.3	18.1	2.4	299.6	299.9	99.9	99.9	17.4	97.
30.1	99.2	8970.8	300.0	-60.8	99.9	257.1	17.4	16.9	3.9	301.1	299.9	99.9	99.9	19.3	95.
32.2	104.3	9377.1	275.0	-60.2	99.9	256.7	16.2	18.9	3.8	308.1	299.9	99.9	99.9	21.5	93.
34.4	11.1	9734.5	250.0	-64.8	99.9	262.4	16.7	16.0	2.0	317.2	299.9	99.9	99.9	23.8	92.
37.0	11.1	10170.2	225.0	-57.2	99.9	262.4	16.4	16.6	1.9	330.4	299.9	99.9	99.9	26.1	91.
40.0	12.4	11119.9	200.0	-54.9	99.9	263.0	15.1	15.0	1.8	345.8	299.9	99.9	99.9	28.7	91.
43.3	12.4	12174.2	175.0	-54.0	99.9	257.6	15.0	13.6	3.0	360.0	299.9	99.9	99.9	31.4	90.
47.0	13.3	13167.9	150.0	-44.1	99.9	265.1	12.0	16.9	1.4	376.8	299.9	99.9	99.9	35.1	88.
51.2	13.3	14337.4	125.0	-54.4	99.9	262.7	13.7	15.5	2.1	390.5	299.9	99.9	99.9	38.8	86.
56.2	14.5	15755.0	100.0	-57.2	99.9	267.7	17.4	17.4	7.7	417.2	299.9	99.9	99.9	43.6	84.
62.7	13.7	17575.3	75.0	-50.8	99.9	270.1	15.9	15.8	-1.7	449.8	299.9	99.9	99.9	50.4	82.
71.3	14.0	20037.8	50.0	-42.6	99.9	293.5	12.5	16.0	-7.0	496.1	299.9	99.9	99.9	58.2	81.
80.1	18.0	26107.7	25.0	-47.4	99.9	297.8	17.5	15.5	-8.2	590.9	299.9	99.9	99.9	72.8	81.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE NO TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 002  
RAPID CITY, S D

5 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

129 53. 1

TIME MIN	CATCT	WEIGHT GFM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	IP FC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.1	965.0	913.3	-6.7	-23.4	141.0	10.3	3.5	-9.7	263.3	264.9	0.0	54.0	0.0	0.0
00.0	99.9	99.9	1000.0	-9.9	99.9	49.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	975.0	-9.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	950.0	-9.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	925.0	-9.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	14.1	1075.7	900.0	-19.3	-23.0	140.4	9.6	0.5	5.5	261.7	263.5	0.7	72.5	1.0	150.0
0.8	16.1	1744.7	875.0	-20.1	-23.0	140.4	9.6	7.3	4.9	262.8	264.5	0.6	71.9	0.9	151.0
1.5	18.5	1449.3	850.0	-19.6	-23.5	140.4	12.9	7.2	-10.7	263.7	265.4	0.7	70.6	1.2	149.0
2.0	20.3	1721.5	825.0	-20.2	-23.5	140.4	18.8	8.7	-12.0	264.4	266.1	0.7	74.8	1.8	148.0
2.6	23.3	1449.3	800.0	-20.7	-23.6	140.4	11.3	8.3	-10.2	265.2	266.9	0.8	84.6	2.2	147.0
3.2	25.3	2114.4	775.0	-20.2	-23.6	140.4	11.3	5.4	-9.9	266.2	267.9	0.9	89.3	2.7	146.0
3.9	27.3	2428.7	750.0	-19.2	-23.6	140.4	11.3	4.4	-10.4	267.9	268.9	1.2	99.0	3.1	145.0
4.5	30.1	2682.6	725.0	-17.0	-23.6	140.4	10.1	3.8	-9.4	268.9	269.9	1.4	99.2	3.5	144.0
5.2	32.0	2447.1	700.0	-14.9	-23.6	140.4	9.4	2.2	-9.2	269.9	270.9	1.7	101.1	3.9	143.0
5.8	35.1	3272.4	675.0	-14.9	-23.6	140.4	10.7	2.4	-9.9	270.9	271.9	1.6	88.5	4.2	142.0
6.6	37.0	1507.7	650.0	-16.8	-23.6	140.4	10.9	3.8	-10.3	270.9	271.9	1.2	79.2	4.7	141.0
7.2	40.2	1400.9	625.0	-18.8	-23.6	140.4	10.9	4.4	-10.0	271.9	272.9	1.1	76.5	5.2	140.0
8.0	42.7	4104.0	600.0	-20.9	-23.6	140.4	11.0	5.4	-9.6	272.9	273.9	0.9	71.1	5.6	139.0
8.8	45.4	4417.6	575.0	-22.9	-23.6	140.4	12.4	6.8	-10.4	273.9	274.9	0.6	61.3	6.2	138.0
9.6	48.1	4742.2	550.0	-25.1	-23.6	140.4	12.9	7.4	-10.5	274.9	275.9	0.5	54.5	6.8	137.0
10.3	51.0	5077.4	525.0	-28.1	-23.6	140.4	11.4	7.2	-10.1	275.9	276.9	0.4	50.1	7.4	136.0
11.2	54.0	5475.7	500.0	-31.3	-23.6	140.4	11.9	7.2	-9.5	276.9	277.9	0.3	59.3	8.0	135.0
12.1	57.0	5711.2	475.0	-34.6	-23.6	140.4	11.8	7.2	-9.4	277.9	278.9	0.2	60.8	8.2	134.0
12.9	60.1	4161.2	450.0	-38.1	-23.6	140.4	11.3	7.6	-8.7	278.9	279.9	99.9	99.9	9.8	133.0
13.8	63.3	6751.0	425.0	-41.4	-23.6	140.4	11.7	8.7	-7.7	279.9	280.9	99.9	99.9	10.4	132.0
14.6	66.7	6458.9	400.0	-45.7	-23.6	140.4	11.7	9.2	-6.7	280.9	281.9	99.9	99.9	11.2	131.0
15.9	70.2	7145.4	375.0	-49.4	-23.6	140.4	11.7	9.4	-6.1	281.9	282.9	99.9	99.9	12.1	130.0
17.1	73.7	7111.4	350.0	-51.5	-23.6	140.4	11.6	9.4	-6.1	282.9	283.9	99.9	99.9	13.1	129.0
18.3	77.7	4305.8	325.0	-57.4	-23.6	140.4	11.7	10.0	-6.6	283.9	284.9	99.9	99.9	14.0	128.0
19.5	81.5	4907.1	300.0	-60.7	-23.6	140.4	11.7	10.9	-9.8	284.9	285.9	99.9	99.9	15.0	127.0
20.9	85.6	4152.9	275.0	-56.1	-23.6	140.4	11.1	10.3	-9.6	285.9	286.9	99.9	99.9	15.1	126.0
22.3	90.0	4943.1	250.0	-55.3	-23.6	140.4	11.2	8.5	-10.1	286.9	287.9	99.9	99.9	16.3	125.0
24.2	94.8	10614.7	225.0	-51.8	-23.6	140.4	11.9	11.4	-11.0	287.9	288.9	99.9	99.9	17.9	124.0
26.6	99.4	11313.5	200.0	-51.6	-23.6	140.4	11.4	11.4	-10.4	288.9	289.9	99.9	99.9	20.1	123.0
29.0	105.1	12248.0	175.0	-53.9	-23.6	140.4	11.6	11.1	-9.7	289.9	290.9	99.9	99.9	23.6	122.0
31.0	111.3	11718.1	150.0	-54.3	-23.6	140.4	11.5	11.5	-11.1	290.9	291.9	99.9	99.9	26.1	121.0
36.4	117.1	14402.7	125.0	-55.2	-23.6	140.4	11.0	12.0	-9.0	291.9	292.9	99.9	99.9	29.9	120.0
41.4	123.9	15833.1	100.0	-54.1	-23.6	140.4	11.6	12.4	-7.8	292.9	293.9	99.9	99.9	33.9	119.0
47.9	134.3	11740.1	75.0	-57.2	-23.6	140.4	11.5	12.1	-6.1	293.9	294.9	99.9	99.9	36.2	118.0
59.0	99.7	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.0	99.7	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 RV SLOPE MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
0 PV TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 PV SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

5 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCT	HEIGHT GPM	PHES MU	TEMP DU C	DEW PT DU C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	130.0	941.2	13.4	9.1	270.0	2.1	2.1	3.0	285.2	307.3	7.3	75.0	0.0	0.
00.9	90.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	7.4	318.0	975.0	11.8	7.1	280.0	7.9	7.9	-1.5	287.9	305.2	6.6	73.0	0.3	105.
1.4	6.4	535.6	950.0	10.1	6.7	288.4	9.7	9.2	-3.1	288.3	305.3	6.5	79.9	0.7	105.
2.0	11.2	757.0	925.0	8.2	6.9	286.9	12.0	11.5	-3.5	288.6	306.3	6.8	91.7	1.2	107.
2.9	13.3	952.7	900.0	5.9	5.1	276.9	12.2	12.2	-1.5	288.4	306.6	6.2	96.4	1.7	106.
3.6	15.2	1213.7	875.0	4.6	4.0	266.8	13.2	13.2	2.6	289.3	304.8	5.9	96.1	2.3	102.
4.8	17.2	1443.1	850.0	2.6	1.9	260.2	15.0	14.7	2.6	289.6	303.3	5.2	94.6	3.3	96.
5.7	19.3	1690.1	825.0	1.0	-2.4	256.3	16.1	15.6	3.6	290.2	300.8	3.9	77.9	4.0	93.
6.5	21.2	1917.0	800.0	-1.3	-3.9	249.6	13.8	12.9	4.8	290.2	300.0	3.6	82.3	4.7	89.
7.8	23.3	2149.6	775.0	-3.1	-6.8	251.0	15.9	15.0	5.2	290.9	299.1	3.0	75.5	5.7	86.
8.7	25.4	2448.5	750.0	-5.1	-6.7	249.2	18.3	17.2	6.5	291.5	300.0	3.1	88.4	6.7	84.
9.9	27.5	2714.6	725.0	-5.9	-16.3	251.3	21.3	20.2	6.8	293.1	297.5	1.5	44.4	8.0	81.
10.9	29.7	2984.9	700.0	-6.9	-21.9	257.0	26.9	26.3	6.1	294.9	297.8	0.9	29.1	9.4	80.
11.8	31.8	3272.1	675.0	-8.7	-23.3	259.7	31.2	30.7	5.6	296.6	299.3	0.9	28.3	11.1	80.
12.8	34.2	3511.1	650.0	-10.1	-21.2	258.3	34.1	33.4	6.9	297.6	300.9	1.1	39.6	13.1	80.
14.0	36.4	3805.5	625.0	-11.8	-25.6	254.6	36.1	34.8	9.6	299.0	301.4	0.8	30.7	15.6	79.
15.3	38.8	4176.7	600.0	-14.0	-28.5	254.3	36.4	35.0	9.8	299.9	301.8	0.6	28.1	18.4	78.
16.7	41.1	4498.7	575.0	-15.6	-23.5	256.5	40.39	39.2	9.4	301.8	304.9	1.0	51.3	21.7	78.
18.1	43.7	4813.3	550.0	-16.8	-25.8	257.6	48.18	47.0	10.1	304.2	306.9	0.8	45.4	25.5	78.
19.8	46.1	5183.3	525.0	-16.3	-30.0	256.9	50.18	48.8	11.4	308.8	309.1	0.1	3.9	30.0	78.
21.1	48.8	5548.5	500.0	-19.3	-37.0	252.7	46.78	44.6	13.9	309.6	311.6	0.6	37.9	34.0	78.
22.5	51.3	5924.0	475.0	-22.1	-31.8	252.3	56.88	54.1	17.3	310.6	312.4	0.6	40.7	38.2	77.
24.1	54.1	6321.3	450.0	-24.7	-34.9	253.6	58.88	56.0	16.5	312.2	313.6	0.4	38.1	44.4	76.
25.9	56.9	6737.0	425.0	-27.7	-39.4	246.9	33.88	31.1	13.5	313.4	314.4	0.3	31.7	48.9	76.
27.7	59.9	7160.5	400.0	-31.4	-42.5	247.0	60.28	55.4	23.5	314.1	314.9	0.2	32.3	53.8	75.
29.3	62.8	7622.5	375.0	-35.7	-46.0	246.0	71.18	65.0	28.9	314.3	314.9	0.2	33.4	60.3	74.
31.1	65.9	8059.6	350.0	-39.4	-48.0	240.5	61.08	54.8	31.1	315.6	316.0	0.1	35.7	67.0	73.
33.3	69.1	8501.7	325.0	-43.6	-51.9	223.8	31.08	21.5	22.4	316.6	316.6	99.9	99.9	73.4	71.
35.3	72.6	8914.5	300.0	-48.4	-56.2	223.8	29.28	23.5	17.2	317.2	317.2	99.9	99.9	76.2	70.
37.5	76.1	9300.7	275.0	-53.4	-59.1	219.7	40.08	35.1	20.5	318.0	318.0	99.9	99.9	80.2	70.
39.6	80.0	10311.3	250.0	-55.5	-59.9	217.5	65.188	54.9	35.0	323.6	323.6	99.9	99.9	87.8	69.
41.9	84.0	10977.7	225.0	-56.2	-59.9	216.6	91.288	76.1	50.2	325.5	325.5	99.9	99.9	97.9	68.
44.9	88.2	11728.2	200.0	-55.4	-59.9	247.7	41.888	37.2	19.2	345.1	345.1	99.9	99.9	111.5	67.
47.7	93.0	12440.1	175.0	-56.2	-59.9	246.5	44.888	44.0	19.4	357.2	357.2	99.9	99.9	119.1	66.
51.1	98.0	13500.4	150.0	-60.6	-59.9	245.6	58.988	53.6	24.3	369.8	369.8	99.9	99.9	129.6	66.
54.9	104.0	14674.4	125.0	-63.3	-59.9	245.9	73.388	66.9	30.0	380.4	380.4	99.9	99.9	148.4	66.
59.4	110.5	16041.4	100.0	-64.3	-59.9	246.2	86.288	7.5	3.3	403.5	403.5	99.9	99.9	159.4	66.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0.75 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

6 February 1975

0600 GMT

STATION NO. 20R  
CHARLESTON, SC6 FEBRUARY 1975  
000 GMT

TIME MIN	CNTCT	HEIGHT CM	MPFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	13.0	1012.9	8.9	6.9	310.0	4.1	3.1	-2.6	281.8	297.5	6.2	87.0	0.0	0.
0.6	5.7	119.1	1000.0	9.0	99.9	99.9	99.9	99.9	99.9	282.2	999.9	99.9	999.9	999.9	999.9
1.4	7.2	328.1	975.0	9.1	99.9	99.9	99.9	99.9	99.9	284.3	999.9	99.9	999.9	999.9	999.9
2.2	10.2	743.1	950.0	9.2	99.9	99.9	99.9	99.9	99.9	286.6	999.9	99.9	999.9	999.9	999.9
3.0	12.3	763.8	925.0	9.4	99.9	99.9	99.9	99.9	99.9	288.9	999.9	99.9	999.9	999.9	999.9
3.8	14.7	900.4	900.0	9.5	99.9	99.9	99.9	99.9	99.9	291.3	999.9	99.9	999.9	999.9	999.9
4.5	16.9	1221.8	875.0	9.6	99.9	99.9	99.9	99.9	99.9	293.8	999.9	99.9	999.9	999.9	999.9
5.4	19.3	1488.2	850.0	9.3	4.6	99.9	99.9	99.9	99.9	296.7	314.1	6.4	73.7	999.9	999.9
6.3	21.5	1711.5	825.0	7.5	3.6	299.4	21.2	19.8	7.5	297.3	313.8	6.0	76.0	6.2	88.
7.2	24.0	1944.1	800.0	6.1	-20.6	240.5	17.3	15.1	8.5	299.9	302.7	0.9	10.9	7.1	85.
8.2	25.4	2225.8	775.0	7.1	-24.1	238.0	16.8	14.3	8.9	301.6	303.7	0.7	8.4	8.0	82.
9.0	29.0	2493.4	750.0	4.8	-24.3	238.4	17.3	14.6	9.1	301.8	304.1	0.7	9.9	8.8	80.
10.0	31.7	2764.9	725.0	2.8	-24.9	238.6	17.7	15.1	9.2	302.6	304.8	0.7	10.8	9.8	77.
11.0	34.4	3051.5	700.0	0.6	-26.9	238.2	19.2	16.3	10.1	303.2	305.1	0.6	10.6	10.8	76.
12.0	36.9	3341.9	675.0	-1.7	-27.5	243.2	20.9	18.7	9.5	303.8	305.7	0.6	11.7	11.9	74.
13.0	39.7	3640.9	650.0	-3.6	-29.2	256.1	22.7	24.0	6.0	304.9	306.6	0.5	11.5	13.4	73.
14.2	42.4	3950.6	625.0	-4.0	-28.6	256.7	26.3	24.6	5.1	307.9	310.2	0.7	15.7	15.2	74.
15.3	45.3	4271.4	600.0	-6.0	-22.5	246.8	28.5	25.5	7.0	309.3	312.6	1.0	29.7	18.9	74.
16.6	48.4	4602.7	575.0	-9.2	-23.7	247.7	29.9	23.1	9.5	309.3	312.4	1.0	29.7	18.9	74.
17.7	51.3	4944.9	550.0	-11.1	-26.4	243.1	26.7	23.8	12.1	310.9	313.5	0.8	27.0	20.6	73.
18.8	54.4	5300.0	525.0	-14.1	-28.9	244.1	26.9	24.2	11.7	311.5	313.7	0.7	27.1	22.4	72.
20.1	57.4	5684.4	500.0	-18.1	-29.8	245.4	33.5	30.4	13.9	313.5	315.6	0.6	29.2	24.6	72.
21.3	60.7	6053.6	475.0	-18.3	-33.2	246.7	35.4	32.5	14.0	315.4	317.5	0.5	25.3	27.2	71.
22.8	64.1	6434.6	450.0	-21.4	-36.9	247.3	39.0	36.1	14.6	316.3	317.5	0.4	23.0	30.3	71.
24.2	67.6	6874.1	425.0	-24.1	-40.9	248.5	39.5	36.7	14.5	318.0	318.9	0.2	19.4	33.8	71.
25.6	70.9	7312.8	400.0	-28.0	-44.9	247.0	42.5	39.1	16.6	318.6	319.2	0.2	18.0	37.2	70.
27.3	74.7	7772.3	375.0	-32.0	-47.8	246.5	43.5	39.9	17.4	319.2	319.7	0.1	18.8	41.1	70.
29.0	78.7	8255.1	350.0	-36.6	-49.7	244.5	33.9	16.0	17.2	319.4	319.8	0.1	24.0	45.8	70.
30.9	82.7	8763.4	325.0	-40.7	99.9	247.4	46.6	41.8	20.7	320.5	999.9	99.9	999.9	50.9	69.
33.0	86.8	9305.0	300.0	-43.7	99.9	238.8	47.6	41.1	23.9	323.8	999.9	99.9	999.9	57.0	68.
35.4	91.4	9941.0	275.0	-48.0	99.9	241.2	50.0	45.6	25.0	325.7	999.9	99.9	999.9	64.0	67.
37.7	96.0	10504.0	250.0	-52.5	99.9	238.7	51.6	45.8	27.8	328.0	999.9	99.9	999.9	71.2	67.
40.3	100.9	11179.9	225.0	-57.2	99.9	238.5	60.8	49.5	35.3	330.8	999.9	99.9	999.9	81.3	66.
43.4	106.4	11921.5	200.0	-56.7	99.9	239.7	65.9	56.9	33.2	337.9	999.9	99.9	999.9	93.7	64.
46.9	112.3	12760.4	175.0	-57.1	99.9	247.8	85.7	74.3	32.5	355.7	999.9	99.9	999.9	106.1	64.
50.8	118.5	13731.6	150.0	-61.4	99.9	246.0	69.6	63.6	28.3	364.3	999.9	99.9	999.9	119.7	65.
55.6	125.3	14900.8	125.0	-63.8	99.9	237.2	68.8	56.1	36.2	379.5	999.9	99.9	999.9	136.8	64.
60.6	133.3	16204.3	100.0	-70.7	99.9	251.5	34.0	36.0	30.8	391.1	999.9	99.9	999.9	151.7	65.
67.0	141.3	17917.8	75.0	-68.6	99.9	257.8	18.5	18.5	10.8	429.2	999.9	99.9	999.9	168.5	64.
75.8	152.0	20340.4	50.0	-66.1	99.9	65.0	-25.7	-25.7	-4.0	487.7	999.9	99.9	999.9	176.7	65.
80.9	159.0	24587.9	25.0	-61.7	99.9	322.1	9.0	5.5	-7.1	607.4	999.9	99.9	999.9	194.8	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
539 GMT

TIME MIN	CNTCT	HEIGHT GPM	PHES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.7	1.0	1015.0	19.9	18.0	230.0	3.6	2.8	2.3	293.5	327.0	13.0	89.0	0.0	0.
0.5	5.7	136.8	1000.0	19.2	17.1	220.1	12.6	6.3	3.6	294.0	326.1	12.4	87.3	0.3	42.
1.1	7.6	354.6	975.0	18.2	15.3	999.9	99.9	99.9	99.9	295.0	324.7	11.3	83.2	999.9	999.
2.0	10.1	578.1	950.0	18.8	11.0	999.9	99.9	99.9	99.9	297.4	323.9	8.7	60.5	999.9	999.
2.8	12.1	836.9	925.0	17.5	10.0	999.9	99.9	99.9	99.9	298.3	321.0	8.4	61.6	999.9	999.
3.7	14.4	1040.6	900.0	15.6	8.9	230.0	10.4	8.0	5.7	298.7	320.4	8.0	64.5	2.7	42.
4.5	16.4	1273.6	875.0	14.9	7.2	230.6	8.4	7.2	4.2	300.2	320.3	7.3	59.9	3.1	44.
5.4	18.7	1524.7	850.0	13.6	5.2	255.5	8.1	8.0	1.6	301.2	319.4	6.6	57.1	3.5	47.
6.2	20.9	1775.7	825.0	12.4	5.4	266.2	8.0	8.0	0.5	302.6	321.6	6.9	62.4	3.8	50.
7.1	23.2	2013.0	800.0	9.9	3.9	999.9	99.9	99.9	99.9	302.6	320.3	6.4	66.2	999.9	999.
8.0	25.5	2246.4	775.0	6.2	1.4	999.9	99.9	99.9	99.9	303.3	318.8	5.5	67.4	999.9	999.
9.0	28.0	2566.7	750.0	6.0	-0.8	278.7	10.9	10.9	-0.9	303.7	317.4	4.8	61.6	5.8	63.
9.9	30.4	2843.5	725.0	4.0	-0.7	999.9	99.9	99.9	99.9	305.5	318.8	5.0	71.6	999.9	999.
11.0	33.1	3128.1	700.0	2.1	-0.6	999.9	99.9	99.9	99.9	305.4	320.4	5.3	82.7	999.9	999.
12.0	35.5	3421.8	675.0	0.8	-3.6	999.9	99.9	99.9	99.9	307.1	319.7	4.4	72.6	999.9	999.
13.0	38.1	3724.2	650.0	-0.5	-13.6	258.6	11.1	10.9	2.2	308.7	315.0	2.1	36.1	7.6	73.
14.1	40.5	4036.6	625.0	-3.1	-11.0	259.4	10.7	10.5	3.0	309.3	317.2	2.6	54.0	8.2	73.
15.1	43.3	4354.3	600.0	-6.6	-9.3	260.0	18.0	18.0	0.3	311.2	320.7	3.1	69.2	8.9	74.
16.1	46.1	4673.3	575.0	-6.1	-15.7	260.8	18.8	18.8	1.1	313.1	319.2	2.0	46.3	9.9	76.
17.2	49.1	5040.0	550.0	-8.2	-25.7	262.1	21.7	21.5	3.0	314.4	317.2	0.9	23.0	11.3	76.
18.3	51.9	5349.5	525.0	-10.7	-26.6	258.9	24.0	23.6	4.6	315.6	318.4	0.8	26.4	12.9	77.
19.7	55.0	5771.9	500.0	-14.2	-18.5	258.9	24.5	23.6	6.4	315.9	321.6	1.8	69.6	14.0	77.
21.0	58.0	6100.6	475.0	-16.1	-17.0	249.0	23.0	21.4	8.2	316.2	325.0	2.1	93.2	18.5	76.
22.2	61.2	6565.6	450.0	-16.7	-20.8	247.4	23.4	21.6	9.0	319.8	325.1	1.6	83.6	18.2	76.
23.4	64.6	6977.7	425.0	-21.5	-23.9	240.2	25.4	22.0	12.6	321.5	325.8	1.3	81.1	20.3	75.
25.1	67.9	7434.0	400.0	-24.8	-27.8	233.9	25.0	20.2	14.7	322.8	326.0	1.0	75.8	22.5	73.
26.6	71.2	7910.4	375.0	-28.2	-31.6	233.5	28.2	22.7	16.8	324.3	326.7	0.7	72.6	24.6	71.
28.1	75.0	8390.7	350.0	-32.8	-35.5	999.9	99.9	99.9	99.9	324.6	326.4	0.5	76.2	999.9	999.
29.7	78.9	8904.8	325.0	-37.0	-39.5	235.1	32.4	26.8	18.6	325.7	327.0	0.4	76.6	30.1	68.
31.3	82.5	9456.8	300.0	-41.9	99.9	236.4	34.1	25.3	17.3	326.3	999.9	99.9	999.9	33.1	67.
33.3	87.0	10019.0	275.0	-47.0	99.9	241.8	37.8	33.3	17.9	327.2	999.9	99.9	999.9	37.4	66.
35.7	91.6	10663.3	250.0	-52.0	99.9	242.7	41.4	36.8	19.0	328.8	999.9	99.9	999.9	42.9	66.
38.5	96.2	11337.7	225.0	-56.5	99.9	239.5	51.3	44.2	26.1	331.9	999.9	99.9	999.9	50.9	65.
41.6	101.3	12097.4	200.0	-56.0	99.7	242.4	49.6	43.9	23.0	343.0	999.9	99.9	999.9	60.1	64.
45.0	107.0	12947.1	175.0	-57.1	99.9	240.4	45.4	39.4	22.4	355.6	999.9	99.9	999.9	70.3	64.
49.1	113.0	13906.7	150.0	-62.4	99.9	245.5	45.8	41.3	19.7	362.6	999.9	99.9	999.9	82.4	63.
53.6	119.7	15014.6	125.0	-69.9	99.9	240.1	23.4	19.5	11.7	368.4	999.9	99.9	999.9	98.4	63.
58.7	127.3	16331.8	100.0	-71.9	99.9	232.0	23.7	19.5	15.2	388.8	999.9	99.9	999.9	105.6	63.
65.4	135.3	18005.3	75.0	-75.4	99.9	222.6	23.9	16.2	17.6	415.9	999.9	99.9	999.9	117.7	62.
75.3	143.3	20343.5	50.0	-86.6	99.9	240.2	26.2	22.7	13.0	480.6	999.9	99.9	999.9	126.8	62.
91.1	151.3	24662.3	25.0	-99.7	99.9	255.5	27.4	21.7	5.6	613.6	999.9	99.9	999.9	143.4	64.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 213  
WAYCROSS, GA6 FEBRUARY 1975  
000 GMT

TIME MIN	CNTCT	WGTGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCY	RANGE KM	AZ DG
0.0	4.2	44.0	1008.0	17.4	8.0	240.0	3.6	3.1	1.8	290.8	309.5	6.7	54.0	0.0	0.
0.2	4.3	112.2	1000.0	17.3	15.0	250.3	10.1	4.5	3.4	291.9	320.4	11.0	68.0	0.2	64.
1.0	6.3	328.4	975.0	16.4	15.3	248.1	13.5	12.6	5.0	293.2	323.5	11.7	96.1	0.6	74.
1.7	9.3	549.3	950.0	14.8	14.2	244.9	13.7	17.6	5.9	293.7	321.9	10.8	96.1	1.2	70.
2.6	10.3	775.8	925.0	13.7	12.3	240.3	12.5	11.6	4.6	296.6	320.3	9.8	91.3	1.8	68.
3.4	13.2	1007.4	900.0	13.5	11.8	250.1	12.2	11.4	4.1	296.7	322.6	9.8	89.8	2.4	68.
4.2	14.4	1444.5	875.0	11.6	8.3	255.4	13.0	12.6	3.3	296.9	318.9	8.2	83.2	3.1	66.
5.0	17.6	1446.7	850.0	9.0	6.8	257.9	13.5	13.2	2.8	297.6	317.4	7.3	80.1	3.7	71.
5.9	20.0	1714.4	825.0	10.0	6.1	256.4	15.2	14.8	3.5	298.0	317.5	7.2	87.2	4.4	72.
6.8	22.2	1948.3	800.0	5.7	4.0	250.6	14.9	14.1	5.0	298.1	315.6	6.4	88.9	5.2	72.
7.6	24.2	2247.1	775.0	4.2	-23.7	246.2	13.7	12.5	5.5	298.5	301.1	0.9	12.7	5.9	72.
8.6	27.0	2513.4	750.0	4.4	-47.2	239.4	14.6	12.6	7.5	301.3	301.6	0.1	1.0	6.7	71.
9.5	29.6	2743.2	725.0	4.0	-47.5	234.0	14.5	11.7	8.5	303.8	304.1	0.1	1.0	7.6	69.
10.6	32.2	3172.5	700.0	1.5	-49.0	234.5	14.5	11.6	8.4	304.2	304.4	0.1	1.0	8.4	67.
11.6	35.0	3343.9	675.0	-1.2	-50.7	247.5	15.1	13.9	5.8	304.3	304.5	0.1	1.0	9.3	66.
12.7	37.4	3563.5	650.0	-2.9	-51.7	261.4	20.7	20.4	3.0	305.7	305.9	0.0	1.0	10.4	67.
13.6	40.3	3971.8	625.0	-3.0	-52.2	264.8	25.0	24.9	2.2	308.3	308.5	0.0	1.0	11.7	69.
14.8	43.3	4294.6	600.0	-5.7	-52.6	257.9	29.0	28.4	6.1	308.5	309.7	0.0	1.0	13.8	71.
15.9	46.0	4676.9	575.0	-7.3	-54.6	244.1	10.5	28.5	10.9	311.4	311.5	0.0	1.0	15.6	72.
17.0	49.0	4971.5	550.0	-9.5	-55.3	244.6	31.4	28.8	13.7	312.8	312.9	0.0	1.0	17.4	71.
18.2	52.0	5324.8	525.0	-12.4	-57.8	244.9	30.1	27.3	12.8	313.5	313.6	0.0	1.0	19.8	70.
19.5	55.2	5700.1	500.0	-14.8	-59.3	249.2	32.9	30.7	11.7	314.9	315.0	0.0	1.0	22.2	70.
20.8	58.4	6035.5	475.0	-16.8	-60.4	250.9	36.8	34.8	12.0	317.1	317.2	0.0	1.0	24.9	70.
22.1	61.4	6490.3	450.0	-19.7	-62.5	249.4	37.2	34.9	12.8	318.4	318.5	0.0	1.0	27.9	70.
23.6	65.1	6911.4	425.0	-23.2	-64.8	249.6	41.6	34.0	14.5	319.1	319.2	0.0	1.0	31.2	70.
25.0	69.3	7351.8	400.0	-27.3	-67.4	247.5	42.4	34.2	16.2	319.5	319.5	0.0	1.0	34.8	70.
26.6	72.7	7812.9	375.0	-31.4	-36.4	244.7	40.3	36.4	17.3	320.0	321.8	0.4	61.0	38.6	69.
28.1	76.8	8272.1	350.0	-35.4	-38.6	243.1	42.4	37.8	19.2	321.0	322.3	0.4	72.0	42.4	68.
29.4	80.4	8609.4	325.0	-38.7	-39.7	236.2	43.8	38.4	20.4	323.3	324.6	0.4	87.0	47.2	68.
31.6	85.3	9154.7	300.0	-42.8	99.4	237.5	54.74	46.2	29.3	325.1	999.9	99.9	999.9	52.3	67.
33.5	89.8	9435.4	275.0	-47.0	99.4	238.8	54.14	46.3	28.0	327.1	999.9	99.9	999.9	58.0	64.
35.8	95.0	10580.5	250.0	-51.9	99.4	236.3	52.24	43.4	28.4	328.9	999.9	99.9	999.9	65.8	65.
38.1	100.2	11215.7	225.0	-57.1	99.4	232.6	61.74	48.1	37.5	331.0	999.9	99.9	999.9	73.1	64.
40.9	105.8	11979.7	200.0	-55.6	99.4	234.5	73.58	59.8	42.7	342.7	999.9	99.9	999.9	83.5	63.
43.9	112.7	12427.1	175.0	-57.1	99.4	241.4	40.14	70.3	38.4	352.7	999.9	99.9	999.9	94.9	62.
47.3	118.7	13192.5	150.0	-61.3	99.4	245.1	73.18	66.3	38.8	364.5	999.9	99.9	999.9	109.8	62.
51.2	126.0	14720.2	125.0	-63.4	99.4	213.8	60.94	48.0	38.1	370.4	999.9	99.9	999.9	125.3	62.
54.0	134.3	16257.1	100.0	-69.2	94.4	247.3	43.69	40.4	16.5	394.1	999.9	99.9	999.9	139.5	62.
61.5	142.3	17431.0	75.0	-70.6	99.4	240.2	29.34	25.4	14.5	426.0	999.9	99.9	999.9	151.2	61.
66.4	150.7	27407.9	50.0	-65.0	99.4	255.2	17.84	17.0	4.5	440.4	999.9	99.9	999.9	161.4	62.
83.0	159.3	24049.4	25.0	-60.4	99.4	261.3	34.88	34.2	5.2	611.4	999.9	99.9	999.9	172.7	63.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE (IR TIME HAVE BEEN INTERPOLATED)  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

1 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	WGTGHT GPM	WLES MU	TEMP DG C	DEW PT DG C	DIP DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/SEC	RH PCT	RANGE KM	AZ DG
0.0	3.3	11.0	1014.2	15.0	14.7	230.0	2.1	1.6	1.3	288.4	315.0	10.4	98.0	0.0	0.
0.4	4.0	112.1	1000.0	18.4	18.4	400.0	49.9	94.9	99.9	293.7	328.4	13.5	97.7	999.9	999.
1.3	6.5	357.1	975.0	17.5	17.1	999.9	99.9	99.9	99.9	295.4	327.3	12.7	97.5	999.9	999.
2.2	8.6	577.3	950.0	16.1	15.7	999.9	99.9	99.9	99.9	295.1	326.1	11.9	97.2	999.9	999.
3.1	10.9	792.1	925.0	15.4	11.1	944.9	99.9	94.9	99.9	294.4	320.4	9.0	75.1	999.9	999.
4.0	12.7	1071.7	900.0	14.3	11.3	240.3	8.5	7.4	4.2	297.5	322.7	9.4	82.6	1.7	54.
4.9	15.0	1269.6	875.0	12.7	8.8	249.0	10.9	10.1	3.9	298.1	320.0	8.1	76.9	2.2	57.
5.7	17.0	1512.8	850.0	11.4	5.7	255.5	12.8	12.4	3.2	299.0	317.5	6.8	67.9	2.8	61.
6.7	19.3	1701.9	825.0	9.4	4.8	251.6	14.9	14.1	4.7	299.4	317.5	6.6	73.1	3.6	64.
7.4	21.6	2016.6	800.0	7.4	2.0	245.7	14.8	13.5	6.1	299.8	315.2	5.6	68.7	4.6	65.
8.4	23.9	2277.1	775.0	6.4	-21.6	249.7	12.3	11.6	4.3	302.3	309.1	1.1	14.1	5.4	65.
9.9	26.0	2545.2	750.0	5.3	-46.7	249.2	12.3	11.5	4.4	302.3	309.1	0.1	1.0	6.2	65.
11.1	28.0	2821.5	725.0	4.4	-47.2	245.0	12.1	11.0	5.1	304.3	304.5	0.1	1.0	7.0	66.
12.0	31.1	3105.7	700.0	2.1	-48.8	251.8	12.8	12.2	4.0	308.8	305.1	0.1	1.0	7.8	66.
13.2	33.7	3347.4	675.0	0.2	-49.8	256.6	15.4	15.0	3.6	305.8	306.1	0.1	1.0	8.7	67.
14	36.1	3614.9	650.0	-1.7	-29.4	260.7	18.3	18.1	3.0	307.1	308.8	0.5	9.9	9.7	68.
15	38.3	4019.1	625.0	-4.8	-22.7	262.6	19.7	19.5	2.8	307.0	310.1	1.0	23.3	11.1	70.
16.7	41.4	4328.4	600.0	-6.4	-29.8	255.5	19.7	19.1	5.0	308.2	309.9	0.5	14.1	12.6	71.
18.0	44.4	4654.7	575.0	-8.5	-37.8	243.3	23.5	21.0	10.6	310.0	310.9	0.3	7.5	14.3	71.
19.3	47.1	5071.4	550.0	-10.0	-46.7	237.5	25.8	21.7	13.9	312.1	312.6	0.1	3.8	16.2	69.
20.7	50.1	5300.1	525.0	-12.7	-40.1	241.8	25.9	22.8	12.2	313.2	313.9	0.2	7.9	18.2	68.
22.1	53.3	5731.4	500.0	-14.4	-59.1	242.5	12.8	29.1	15.2	315.4	315.5	0.0	1.0	20.6	68.
23.6	56.1	6114.1	475.0	-17.0	-60.7	241.7	13.2	24.2	15.7	316.9	317.0	0.0	1.0	23.7	67.
25.0	60.0	6471.3	450.0	-20.4	-62.9	244.0	32.2	24.0	18.1	317.5	317.6	0.0	1.0	26.5	66.
26.6	63.1	6921.5	425.0	-23.9	-65.2	242.4	33.9	30.1	15.7	318.3	318.3	0.0	1.0	29.6	66.
28.2	66.4	7330.9	400.0	-27.6	-60.4	236.9	30.5	25.6	18.7	319.0	319.2	0.0	3.9	32.7	66.
30.0	70.1	7800.4	375.0	-32.1	-39.3	239.5	34.1	29.4	17.2	319.0	320.2	0.3	48.6	36.1	65.
31.8	74.0	8328.8	350.0	-35.4	-37.8	224.9	34.3	27.0	22.7	321.0	322.4	0.4	78.6	39.7	64.
33.7	78.0	8830.4	325.0	-39.2	-41.4	230.5	36.5	28.2	23.3	322.6	323.7	0.3	79.0	44.1	63.
35.4	82.2	9330.4	300.0	-43.1	99.9	231.6	44.0	34.5	27.4	324.4	999.9	99.9	999.9	48.9	61.
37.0	86.4	9800.7	275.0	-47.2	94.9	232.5	43.68	39.4	30.2	326.9	999.9	99.9	999.9	55.2	60.
40.7	91.4	10544.8	250.0	-52.1	99.9	224.0	43.38	30.1	31.2	328.4	999.9	99.9	999.9	62.2	59.
43.6	94.4	11259.4	225.0	-57.5	99.9	219.3	50.98	32.2	39.4	330.5	999.9	99.9	999.9	70.1	57.
46.5	101.3	12053.3	200.0	-58.1	99.9	226.8	59.08	43.0	40.5	345.6	999.9	99.9	999.9	79.6	55.
49.4	108.0	12844.2	175.0	-56.9	94.9	231.2	72.46	54.4	45.4	354.0	999.9	99.9	999.9	92.0	54.
53.6	116.5	13817.4	150.0	-62.2	99.9	234.0	39.18	31.6	28.9	362.9	999.9	99.9	999.9	104.5	54.
58.1	122.0	14939.1	125.0	-64.1	99.9	220.0	36.98	23.7	22.3	378.9	999.9	99.9	999.9	116.8	54.
63.1	130.1	16248.7	100.0	-70.5	94.9	233.0	34.46	27.5	20.7	391.6	999.9	99.9	999.9	127.3	53.
68.7	139.1	17481.4	75.0	-72.7	94.9	233.0	30.98	24.7	18.6	420.8	999.9	99.9	999.9	139.6	53.
74.1	149.0	20412.4	50.0	-64.5	99.9	248.1	17.46	16.1	6.5	491.5	999.9	99.9	999.9	147.5	53.
93.7	159.5	24701.5	25.0	-60.1	99.9	249.4	9.46	8.8	3.3	617.0	999.9	99.9	999.9	185.0	54.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
MONTVILLE, LA  
6 FEBRUARY 1975  
000 GMT

TIME MIN	CHCT	WFTGT GPM	GRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPDLO M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT Y DG K	E POT Y DG K	MIX RTO GM/KG	RH PCT	161 RANGE KM	16.0 AZ DG
0.0	5.4	1.0	1015.0	12.4	12.8	90.0	0.0	0.0	0.0	285.9	309.3	9.2	108.0	0.0	0.0
0.5	6.5	127.8	1000.0	17.1	11.8	99.9	99.9	99.9	99.9	281.4	314.3	8.8	71.2	999.9	999.9
1.3	8.4	344.0	975.0	16.5	11.7	99.9	99.9	99.9	99.9	293.0	316.5	9.0	73.5	999.9	999.9
2.1	11.0	544.8	950.0	15.0	10.6	99.9	99.9	99.9	99.9	293.6	316.1	8.5	74.9	999.9	999.9
2.4	13.4	790.6	925.0	13.6	6.7	99.9	99.9	99.9	99.9	294.2	312.1	6.7	62.9	999.9	999.9
3.6	15.6	1021.4	900.0	13.4	-20.9	99.9	99.9	99.9	99.9	295.7	302.7	2.6	24.7	999.9	999.9
4.5	17.9	1257.7	875.0	12.4	-26.0	99.9	99.9	99.9	99.9	297.0	298.6	0.5	5.1	999.9	999.9
5.3	20.3	1500.1	850.0	11.4	-35.8	99.9	99.9	99.9	99.9	298.7	299.4	0.2	2.2	999.9	999.9
6.2	22.5	1749.2	825.0	11.1	-34.4	99.9	99.9	99.9	99.9	300.3	301.2	0.3	2.8	999.9	999.9
7.1	24.1	2004.6	800.0	9.9	-21.8	99.9	99.9	99.9	99.9	301.8	304.4	0.8	8.7	999.9	999.9
8.1	27.4	2207.5	775.0	8.5	-19.9	99.9	99.9	99.9	99.9	303.1	306.3	1.0	11.6	999.9	999.9
9.1	30.1	2517.1	750.0	6.4	-29.7	99.9	99.9	99.9	99.9	303.6	305.1	0.5	5.8	999.9	999.9
10.1	32.7	2813.8	725.0	4.6	-47.1	241.1	18.2	15.9	8.8	304.5	304.8	0.1	1.0	6.0	69.0
11.3	35.4	3098.4	700.0	2.4	-61.7	239.0	20.2	17.3	10.4	305.2	305.7	0.1	2.1	6.0	69.0
12.0	37.9	3390.8	675.0	0.4	-77.2	230.9	22.0	19.2	10.7	306.2	308.3	0.6	11.2	7.1	68.0
13.0	40.6	3682.2	650.0	-2.1	-86.1	227.8	22.7	21.0	8.6	307.0	316.4	3.2	64.0	8.8	67.0
14.0	43.4	4002.7	625.0	-4.9	-70.0	231.9	23.1	22.0	7.2	307.3	318.0	3.6	84.9	9.9	68.0
15.1	46.4	4322.4	600.0	-7.1	-17.5	232.3	24.4	23.3	7.4	308.1	313.2	1.6	43.4	11.5	68.0
16.2	49.4	4651.7	575.0	-8.5	-30.6	236.6	27.7	26.4	6.4	310.1	311.8	0.5	14.7	13.2	69.0
17.3	52.1	4994.7	550.0	-10.4	-31.2	238.1	28.3	27.7	5.8	311.8	313.5	0.5	16.1	15.1	70.0
18.6	55.1	5342.9	525.0	-13.5	-28.0	234.5	27.4	26.8	5.5	312.2	314.6	0.7	28.3	17.2	71.0
19.4	58.4	5722.5	500.0	-15.3	-32.3	230.0	30.0	29.5	5.2	314.4	316.1	0.5	21.6	19.5	72.0
21.7	61.7	6107.8	475.0	-18.0	-40.2	228.9	29.1	28.5	5.6	315.6	318.5	0.2	12.3	21.8	73.0
23.9	64.4	6504.7	450.0	-21.2	-43.3	225.1	31.1	30.1	7.9	316.6	317.2	0.2	11.6	24.0	73.0
25.3	67.9	6924.7	425.0	-24.1	-48.0	221.9	31.3	29.4	9.7	317.7	318.2	0.1	9.0	26.6	73.0
26.6	70.7	7347.3	400.0	-28.0	-47.4	223.9	30.2	29.0	8.4	318.6	319.1	0.1	13.6	29.2	73.0
28.4	73.7	7827.1	375.0	-31.6	-52.0	223.0	32.9	31.5	9.6	319.7	320.4	0.1	11.3	32.0	73.0
30.2	83.6	8421.0	350.0	-35.9	-57.0	226.8	28.2	25.9	11.1	320.3	320.4	0.0	9.3	35.0	73.0
32.0	87.7	9381.2	325.0	-40.7	-59.9	226.7	30.9	28.8	11.2	321.1	321.1	99.9	99.9	38.1	73.0
33.9	92.2	9934.1	300.0	-45.2	-59.9	220.8	29.0	27.4	9.5	321.7	321.7	99.9	99.9	41.5	72.0
36.1	96.4	10552.7	275.0	-50.0	-59.9	224.4	32.5	31.3	8.8	322.8	322.8	99.9	99.9	45.0	72.0
38.3	101.6	11224.8	250.0	-54.6	-59.9	228.5	35.2	36.4	14.4	323.0	323.0	99.9	99.9	49.3	73.0
40.9	107.3	11875.9	225.0	-58.6	-59.9	222.6	42.7	38.0	19.0	323.3	323.3	99.9	99.9	54.3	72.0
43.7	112.3	12424.4	200.0	-55.7	-59.9	221.7	47.5	41.8	22.5	324.5	324.5	99.9	99.9	61.5	71.0
47.1	119.0	13794.4	175.0	-57.1	-59.9	237.2	52.9	44.4	28.6	325.7	325.7	99.9	99.9	70.2	69.0
50.4	126.0	14920.7	150.0	-54.7	-59.9	225.7	54.8	49.9	24.9	327.3	327.3	99.9	99.9	80.5	68.0
54.9	134.0	16277.3	125.0	-64.7	-59.9	225.7	54.8	49.9	22.5	327.3	327.3	99.9	99.9	90.1	67.0
58.0	142.3	18005.4	100.0	-67.8	-59.9	236.9	31.7	29.6	17.4	328.8	328.8	99.9	99.9	100.6	67.0
64.0	151.7	20459.3	75.0	-68.2	-59.9	249.0	32.5	32.5	12.5	429.9	429.9	99.9	99.9	112.2	67.0
68.0	161.3	24762.3	50.0	-63.4	-59.9	263.0	20.0	19.9	2.4	440.2	440.2	99.9	99.9	121.4	67.0
78.1	161.3	24762.3	25.0	-58.6	-59.9	255.0	21.9	21.9	1.9	610.3	610.3	99.9	99.9	133.0	68.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DGL  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DGL

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
534 GMT

TIME MIN	CNTCT	WEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	WIND GN/KG	RM PCT	RANGE KM	AZ DG
0.0	4.5	100.0	1000.4	7.2	7.2	290.0	2.1	2.0	-0.7	200.0	200.0	0.4	100.0	0.0	0.
0.1	4.6	136.4	1000.0	9.2	5.8	310.3	5.7	4.3	-3.7	203.1	200.0	5.8	80.1	0.1	79.
0.6	4.8	347.1	975.0	9.5	5.9	315.4	7.6	5.3	-5.5	205.5	301.0	6.0	78.4	0.3	121.
1.5	8.8	562.4	930.0	8.3	5.3	315.1	7.2	5.2	-5.0	205.5	301.0	5.9	81.4	0.7	130.
2.2	10.8	782.7	925.0	7.3	3.5	289.4	6.6	6.2	-2.2	207.5	301.6	5.3	76.6	0.9	129.
3.0	12.9	1007.9	900.0	6.2	3.7	259.0	9.2	8.8	2.9	208.6	303.2	5.5	83.9	1.2	120.
3.7	15.2	1239.2	875.0	6.3	-2.9	242.5	11.0	10.2	4.2	200.8	300.5	3.5	51.7	1.5	100.
4.5	17.3	1476.0	850.0	4.2	-6.4	257.0	11.0	10.8	2.5	200.9	298.7	2.8	45.9	2.0	97.
5.3	19.6	1718.3	825.0	2.7	-8.4	257.0	12.1	11.8	2.6	201.7	298.6	2.4	43.1	2.5	93.
6.2	21.7	1966.7	800.0	1.1	-7.9	258.3	14.5	15.1	2.6	202.7	300.1	2.4	50.7	3.2	90.
7.1	24.2	2221.0	775.0	-1.0	-9.4	261.8	15.2	15.1	2.2	203.0	299.7	2.4	52.1	4.0	88.
7.9	26.4	2482.1	750.0	-1.6	-13.4	267.3	17.6	17.6	0.8	203.0	299.6	1.5	34.0	4.7	87.
8.8	29.0	2751.5	725.0	-2.4	-15.4	272.6	22.6	22.6	-1.0	207.0	301.7	1.6	36.1	5.8	88.
9.7	31.0	3024.1	700.0	-4.2	-16.1	269.1	27.9	27.8	0.4	208.0	302.6	1.6	38.7	7.3	89.
10.6	34.2	3315.5	675.0	-5.0	-14.7	260.8	32.4	31.9	5.2	300.3	305.7	1.8	46.3	9.2	88.
11.8	36.6	3611.9	650.0	-5.8	-17.8	257.4	36.4	35.6	7.7	302.6	307.1	1.5	39.6	11.4	86.
12.9	39.4	3918.2	625.0	-8.0	-17.3	255.4	39.3	38.2	8.9	303.5	308.3	1.6	47.0	13.0	85.
14.0	42.0	4234.2	600.0	-9.6	-16.8	255.4	39.3	38.2	9.9	305.2	310.4	1.7	55.9	15.6	83.
15.1	44.3	4562.6	575.0	-10.8	-20.2	254.4	42.8	41.2	11.6	307.5	311.7	1.3	45.8	19.0	82.
16.3	47.4	4903.1	550.0	-13.8	-21.8	251.8	39.7	37.7	12.4	308.8	312.7	1.2	47.3	21.6	81.
17.4	50.8	5255.9	525.0	-15.8	-23.5	253.6	40.2	39.0	10.0	309.5	313.3	1.2	56.2	24.3	80.
18.6	53.9	5623.1	500.0	-16.9	-27.3	253.8	40.3	42.5	12.3	312.5	315.2	0.8	39.9	27.5	80.
19.9	57.9	6007.1	475.0	-19.0	-33.0	251.5	46.2	43.8	14.7	314.5	316.2	0.5	27.7	30.9	79.
21.2	60.3	6407.0	450.0	-22.7	-35.1	253.2	42.34	40.5	12.2	316.7	316.0	0.4	29.1	34.5	78.
22.6	63.7	6822.3	425.0	-24.5	-38.3	250.2	44.86	43.8	9.7	315.1	316.2	0.3	31.6	38.1	78.
24.1	67.3	7250.0	400.0	-29.9	-41.4	250.2	47.60	46.7	8.9	316.1	317.0	0.2	31.3	42.1	78.
25.9	71.0	7714.7	375.0	-33.6	-43.7	253.5	47.36	45.4	13.4	317.1	317.9	0.2	34.7	47.2	78.
27.6	75.0	8194.8	350.0	-38.0	-47.0	252.4	46.46	48.2	14.0	317.5	318.1	0.2	37.8	51.7	77.
29.4	79.2	8700.8	325.0	-42.4	-49.9	252.2	48.76	48.3	16.9	318.3	309.9	99.9	99.9	56.6	77.
31.6	83.4	9236.4	300.0	-47.0	-49.9	246.7	43.60	48.0	17.3	319.1	999.9	99.9	99.9	62.4	76.
33.7	88.0	9406.5	275.0	-51.9	-49.9	247.6	50.50	52.2	21.5	320.1	999.9	99.9	99.9	68.0	75.
35.8	93.3	10418.4	250.0	-56.0	-49.9	248.4	57.86	55.1	20.4	322.8	999.9	99.9	99.9	75.8	75.
38.1	98.3	11085.4	225.0	-57.8	-49.9	254.7	69.10	60.6	18.2	330.0	999.9	99.9	99.9	82.0	74.
40.2	104.0	11630.2	200.0	-58.0	-49.9	248.3	43.10	39.4	17.3	340.9	999.9	99.9	99.9	89.5	74.
43.2	110.4	12469.7	175.0	-55.7	-49.9	249.1	52.06	48.6	18.5	350.0	999.9	99.9	99.9	98.7	73.
46.9	117.1	13444.3	150.0	-58.4	-49.9	248.1	62.68	57.3	25.3	360.4	999.9	99.9	99.9	108.2	73.
51.1	125.5	14783.6	125.0	-61.9	-49.9	190.6	13.70	2.5	13.4	385.9	999.9	99.9	99.9	121.4	71.
56.1	134.7	16159.2	100.0	-63.9	-49.9	200.1	20.90	27.1	9.6	400.3	999.9	99.9	99.9	129.1	71.
62.2	143.7	17233.4	75.0	-64.9	-49.9	247.8	74.60	65.1	28.2	430.9	999.9	99.9	99.9	140.9	71.
71.1	154.5	20407.7	50.0	-65.4	-49.9	251.1	37.90	-2.6	-1.8	489.5	999.9	99.9	99.9	153.9	70.
80.9	166.0	24678.5	25.0	-62.6	-49.9	257.1	50.70	49.4	11.3	604.8	999.9	99.9	99.9	187.1	71.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 2 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA6 FEBRUARY 1975  
515 GMT

TIME MIN	CHTCT	WRIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U-COMP M/SEC	V-COMP M/SEC	PUT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	3.7	4.0	1016.1	11.1	8.3	10.0	5.1	-0.9	-3.0	283.8	301.2	6.8	83.0	0.0	0.
0.4	5.1	134.0	1000.0	10.9	7.9	357.7	10.3	0.4	-10.1	285.0	302.3	6.7	81.8	0.2	174.
1.1	7.3	349.9	975.0	10.4	8.9	0.4	8.2	-0.1	-8.2	286.6	303.6	7.4	90.3	0.6	177.
1.6	9.3	567.2	950.0	12.0	7.5	7.0	2.4	-0.3	-2.4	290.3	305.3	6.9	73.6	0.8	179.
2.7	11.4	790.9	921.0	11.6	6.8	205.4	2.5	1.1	2.2	292.0	309.9	6.7	72.3	0.8	179.
3.5	13.7	1219.6	900.0	10.1	3.8	213.2	5.8	3.2	6.8	292.6	307.7	5.6	65.2	0.7	189.
4.3	15.8	1251.6	875.0	9.5	-4.4	237.0	7.5	6.3	4.1	294.1	303.0	3.2	37.6	0.5	138.
5.2	18.2	1493.4	850.0	8.0	-7.7	261.5	8.9	8.7	1.3	294.9	302.1	2.5	31.9	0.8	106.
6.0	20.3	1714.4	825.0	7.2	-10.6	272.3	9.9	9.9	-0.4	296.5	302.5	2.1	26.9	1.2	102.
6.8	22.4	1941.9	800.0	6.2	-9.6	258.0	12.8	12.5	2.7	298.0	304.8	2.3	31.4	1.8	97.
7.8	25.3	2231.5	775.0	4.9	-7.6	251.8	16.9	16.0	5.3	299.4	307.5	2.8	39.8	2.6	96.
8.8	27.7	2514.9	750.0	4.0	-8.1	246.4	19.8	18.1	7.9	301.9	310.0	2.8	39.3	3.6	84.
9.6	30.3	2794.0	725.0	2.1	-6.2	243.6	20.6	18.5	9.1	302.1	311.8	3.3	54.4	4.6	79.
10.4	32.9	3074.4	700.0	-0.0	-4.8	249.4	21.4	20.1	7.1	302.9	314.0	3.8	70.5	5.8	76.
11.5	35.2	3367.0	675.0	-2.0	-10.2	259.0	21.8	21.0	5.6	303.7	311.4	2.6	53.4	7.0	76.
12.4	38.1	3655.3	650.0	-4.9	-8.8	255.8	23.1	22.4	5.7	303.8	312.7	3.0	74.0	8.2	76.
13.4	40.4	3973.5	625.0	-5.6	-19.2	258.3	25.9	25.3	5.2	306.2	310.6	1.4	35.4	9.6	76.
14.5	43.7	4291.4	600.0	-6.5	-18.7	259.2	27.4	26.9	5.2	308.6	313.5	1.5	36.7	11.4	77.
15.6	46.7	4674.6	575.0	-8.7	-21.3	259.2	27.5	27.5	5.8	309.9	313.7	1.2	35.4	13.3	77.
16.4	49.9	4967.5	550.0	-11.2	-22.5	259.2	27.5	27.0	5.1	310.9	315.0	1.1	38.5	15.3	77.
18.0	52.5	5371.7	525.0	-13.8	-24.3	260.8	27.7	27.4	6.4	312.0	315.3	1.0	40.4	17.3	77.
19.4	55.7	5642.2	500.0	-15.9	-26.8	266.7	29.9	29.9	1.7	313.7	316.0	0.7	32.1	19.5	78.
20.7	59.0	5977.3	475.0	-18.1	-33.1	266.9	32.0	31.9	1.7	315.6	317.2	0.5	25.4	22.0	79.
21.3	62.3	6473.4	450.0	-20.7	-35.0	262.7	31.8	31.6	4.0	317.2	318.7	0.4	26.2	24.3	80.
23.3	65.4	6944.7	425.0	-24.9	-37.5	259.1	34.4	33.7	6.5	317.1	319.3	0.4	29.6	27.8	80.
24.7	69.4	7316.8	400.0	-28.6	-40.5	257.0	32.3	31.5	7.3	317.8	318.6	0.3	30.6	29.1	80.
26.2	73.3	7745.4	375.0	-32.4	-40.7	253.4	35.6	34.1	10.2	318.6	319.6	0.3	42.9	31.0	79.
27.8	77.0	8277.6	350.0	-36.9	-41.2	251.4	36.7	34.8	11.7	318.9	319.9	0.3	63.8	36.5	79.
29.4	81.0	8785.4	325.0	-41.3	99.9	253.3	36.2	34.7	10.4	319.8	309.9	99.9	99.9	39.5	78.
31.2	85.3	9323.1	300.0	-46.4	99.9	258.9	30.9	30.3	6.0	319.9	309.9	99.9	99.9	43.5	78.
33.2	89.7	9895.9	275.0	-50.6	99.9	261.3	40.2	39.7	6.0	322.0	309.9	99.9	99.9	48.2	78.
35.3	94.6	10510.6	250.0	-55.3	99.9	261.0	44.3	48.7	7.7	323.8	309.9	99.9	99.9	53.0	78.
37.4	99.5	11174.7	225.0	-56.3	99.9	267.5	33.8	33.7	1.5	332.3	309.9	99.9	99.9	58.2	79.
39.4	105.0	11927.4	200.0	-57.5	99.9	255.9	34.5	38.3	9.7	331.8	309.9	99.9	99.9	67.5	79.
42.1	111.0	12767.2	175.0	-58.7	99.9	248.7	34.16	36.4	18.2	353.1	309.9	99.9	99.9	87.5	78.
45.2	117.5	13731.6	150.0	-60.0	99.9	254.1	44.16	47.3	13.5	366.7	309.9	99.9	99.9	78.9	77.
49.0	125.0	14555.5	125.0	-64.3	99.9	248.5	35.49	32.9	13.0	368.7	309.9	99.9	99.9	86.9	77.
53.0	133.0	16205.2	100.0	-68.9	99.9	264.4	42.18	41.9	4.1	394.6	309.9	99.9	99.9	95.4	76.
99.2	94.3	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 244  
SMC VENT. LA

6 FEBRUARY 1975  
555 GMT

TIME MIN	CNTCT	HEIGHT GM	PROFS MII	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0-0	4-7	70-0	1000-0	3-9	-0-7	320-0	5-1	3-3	-3-9	270-7	286-0	3-6	72-0	0-0	0-
0-3	5-3	150-6	1000-0	3-7	1-2	312-0	4-6	3-4	-3-1	270-9	287-6	4-2	87-2	0-2	130-
1-2	7-7	301-0	975-0	1-0	0-6	308-3	4-6	3-6	-2-0	270-7	287-2	4-1	97-4	0-4	130-
2-2	17-1	571-4	950-0	-0-0	-1-1	302-3	4-6	3-7	-2-4	270-9	286-5	3-7	97-0	0-6	120-
3-1	17-2	744-1	925-0	-1-0	-2-1	319-1	5-0	3-3	-3-0	277-9	287-1	3-5	97-0	0-9	130-
3-5	14-6	1001-5	900-0	1-7	-2-0	288-1	5-2	5-0	-1-3	283-7	293-4	3-7	77-2	1-1	130-
4-0	16-0	1231-5	875-0	3-3	-9-9	268-9	9-1	9-0	0-9	287-5	293-3	2-1	38-0	1-4	120-
5-4	19-3	1406-7	850-0	3-9	-20-1	268-1	11-3	11-3	1-2	290-3	292-0	0-9	9-0	1-8	110-
6-3	21-7	1704-6	825-0	2-6	-20-9	267-3	11-4	11-4	0-5	291-4	294-1	0-9	15-7	2-4	104-
7-1	24-1	1450-6	800-0	1-3	-27-3	271-4	13-4	13-4	-0-3	292-6	295-0	0-8	15-3	2-9	101-
8-0	26-3	2211-1	775-0	-0-6	-20-1	267-5	15-0	15-0	0-7	293-3	296-3	1-0	21-0	3-7	96-
9-0	29-1	2471-9	750-0	-2-7	-26-1	263-1	16-0	16-7	2-0	293-7	295-6	0-6	14-6	4-6	96-
10-0	31-9	2734-4	725-0	-6-3	-16-2	264-5	17-4	17-3	1-7	294-9	292-3	1-5	39-4	5-7	94-
11-0	34-0	3013-5	700-0	-0-0	-20-7	267-9	18-9	18-9	0-7	295-9	299-1	1-0	30-0	6-7	92-
12-0	37-1	3244-3	675-0	-7-8	-22-5	271-9	21-6	21-6	-0-7	297-0	299-9	0-9	29-5	7-9	92-
13-2	40-0	3592-2	650-0	-0-4	-31-9	269-6	24-2	24-2	0-2	299-5	300-0	0-4	12-0	9-6	92-
14-2	42-5	3496-1	625-0	-9-3	-39-5	259-4	31-0	30-5	5-7	301-8	302-5	0-2	6-6	11-3	91-
15-4	45-6	4211-3	600-0	-0-6	-33-1	258-7	30-0	30-9	8-9	304-8	306-1	0-4	12-0	13-6	89-
16-6	48-7	4538-1	575-0	-12-3	-41-2	256-0	33-5	34-5	8-6	305-6	307-5	0-6	23-2	16-1	87-
17-6	51-5	4677-5	550-0	-1-1	-29-2	256-0	36-6	37-5	8-0	305-5	303-2	0-2	7-6	18-4	85-
18-9	54-7	5230-2	525-0	-15-6	-28-2	256-1	40-7	39-5	9-8	309-7	312-8	1-0	64-5	21-3	84-
20-1	57-8	5596-7	500-0	-18-9	-25-5	250-5	41-7	40-9	8-3	310-1	313-1	1-0	55-0	24-4	83-
21-5	61-1	5975-3	475-0	-22-0	-20-1	260-7	44-7	44-2	7-1	310-0	313-2	0-7	52-1	28-0	83-
23-1	64-4	6372-0	450-0	-23-0	-44-9	260-4	45-7	45-0	7-6	313-2	313-0	0-2	13-3	32-3	82-
24-7	64-3	6736-9	425-0	-27-1	-47-2	262-3	45-3	45-0	5-6	314-2	314-6	0-1	12-7	36-5	82-
26-4	71-3	7220-9	400-0	-30-8	-30-9	262-5	50-7	45-3	7-3	315-0	316-4	0-4	54-0	42-0	82-
28-0	75-3	7676-7	375-0	-34-0	-43-6	263-6	47-4	47-4	5-5	316-6	317-3	0-2	36-8	46-8	82-
29-6	79-2	8155-4	350-0	-37-7	-57-7	262-5	51-2	50-0	6-7	317-0	317-9	0-0	10-2	51-7	82-
31-0	83-2	8641-7	325-0	-42-3	99-4	259-3	44-4	43-6	8-2	318-4	99-9	99-9	99-9	57-8	82-
33-9	87-1	9197-3	300-0	-47-0	99-9	250-0	48-6	48-7	9-4	319-1	99-9	99-9	99-9	64-7	82-
36-1	92-0	9764-7	275-0	-52-6	99-9	99-9	99-9	99-9	99-9	319-1	99-9	99-9	99-9	99-9	99-9
38-6	94-9	12375-8	250-0	-56-7	99-9	99-9	99-9	99-9	99-9	321-0	99-9	99-9	99-9	99-9	99-9
40-9	101-5	11041-9	225-0	-57-7	99-9	99-9	99-9	99-9	99-9	330-2	99-9	99-9	99-9	99-9	99-9
43-9	107-3	11780-3	200-0	-57-5	99-9	99-9	99-9	99-9	99-9	341-7	99-9	99-9	99-9	99-9	99-9
46-9	113-0	12626-7	175-0	-57-1	99-9	99-9	99-9	99-9	99-9	355-7	99-9	99-9	99-9	99-9	99-9
51-2	119-3	13590-0	150-0	-54-2	99-9	99-9	99-9	99-9	99-9	368-1	99-9	99-9	99-9	99-9	99-9
55-9	126-3	14741-5	125-0	-49-0	99-9	99-9	99-9	99-9	99-9	388-1	99-9	99-9	99-9	99-9	99-9
61-1	139-0	16120-5	100-0	-63-4	99-9	99-9	99-9	99-9	99-9	405-2	99-9	99-9	99-9	99-9	99-9
68-0	147-0	17681-7	75-0	-64-0	99-9	99-9	99-9	99-9	99-9	438-7	99-9	99-9	99-9	99-9	99-9
77-2	150-3	23177-0	50-0	-64-4	99-9	99-9	99-9	99-9	99-9	491-8	99-9	99-9	99-9	99-9	99-9
91-7	154-3	24643-4	25-0	-61-9	99-9	99-9	99-9	99-9	99-9	607-1	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, YEA6 FEBRUARY 1975  
515 GMT

TIME MIN	CNCT	W/IGHT GPM	CHFS MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DEG K	E POT T DEG K	W/ RTD GA/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.7	33.0	1014.2	7.7	5.8	30.0	3.0	-1.6	-3.1	280.5	295.1	5.7	88.9	0.0	0.
0.4	5.4	144.0	1000.0	7.5	5.8	400.0	99.9	99.9	99.9	281.4	296.3	5.8	89.2	999.9	999.
1.2	7.9	17.0	975.0	6.3	5.1	499.9	99.9	99.9	99.9	282.2	296.7	5.7	92.5	999.9	999.
2.1	10.2	571.0	950.0	11.9	10.3	999.9	99.9	99.9	99.9	290.3	312.1	8.3	90.3	999.9	999.
2.3	12.1	737.7	475.0	12.9	-0.4	153.3	2.0	-1.2	2.3	293.2	307.3	5.3	53.1	0.0	235.
3.9	14.6	1024.1	900.0	13.7	-8.7	197.5	2.9	0.9	2.8	295.9	302.2	2.2	20.2	0.7	247.
4.6	11.5	1234.1	875.0	11.7	-11.3	208.5	3.7	1.7	3.2	296.2	301.6	1.0	18.7	0.6	254.
5.5	15.2	1504.7	825.0	9.9	-9.3	215.9	4.2	2.4	3.4	296.8	301.3	2.2	24.9	0.5	269.
6.1	21.4	1731.2	825.0	8.9	-2.7	499.9	99.9	99.9	99.9	296.5	309.4	3.9	44.4	999.9	999.
7.2	23.4	2007.6	800.0	8.6	-6.1	499.9	99.9	99.9	99.9	300.8	309.4	3.0	34.0	999.9	999.
8.1	28.3	2244.4	775.0	6.7	-5.8	499.9	99.9	99.9	99.9	301.4	310.8	3.2	40.7	999.9	999.
9.2	28.9	2514.3	750.0	6.3	-16.3	499.9	99.9	99.9	99.9	303.5	307.3	0.2	3.1	999.9	999.
10.2	31.3	2814.0	725.0	4.4	-22.4	499.9	99.9	99.9	99.9	305.4	307.1	0.9	12.2	999.9	999.
11.2	34.0	3044.1	700.0	2.4	-24.2	499.9	99.9	99.9	99.9	305.7	308.1	0.8	11.5	999.9	999.
12.1	37.3	3333.7	675.0	0.9	-24.6	499.9	99.9	99.9	99.9	308.8	309.2	0.8	12.7	999.9	999.
13.2	39.3	3606.0	650.0	-1.1	-24.3	499.9	99.9	99.9	99.9	307.8	311.7	0.8	15.2	999.9	999.
14.1	41.7	4046.0	625.0	-3.2	-23.7	278.2	20.1	19.9	-2.0	308.8	313.2	1.1	18.6	7.2	92.
15.4	44.3	4377.7	600.0	-5.6	-22.1	275.3	19.2	19.1	-2.0	309.7	313.2	1.1	25.9	8.6	93.
16.6	47.4	4644.6	575.0	-8.4	-21.1	274.6	17.9	17.8	-1.4	310.2	314.1	1.2	34.0	9.9	93.
17.4	50.0	5003.6	550.0	-7.8	-21.1	271.5	19.8	19.8	-0.5	312.5	316.6	1.3	39.0	11.2	93.
18.9	53.5	5366.7	525.0	-12.7	-24.6	271.0	21.1	21.1	-0.4	313.2	315.9	0.8	30.3	12.6	93.
20.2	56.6	5730.9	500.0	-15.6	-30.8	273.3	23.2	23.1	-1.3	315.0	316.0	0.6	25.0	14.2	93.
21.5	59.9	6115.4	475.0	-16.6	-30.5	273.3	23.7	23.7	-1.4	315.0	317.1	0.6	34.0	16.0	93.
22.8	63.3	6510.5	450.0	-21.0	-35.0	272.4	28.0	28.0	-1.2	316.9	318.4	0.4	27.2	18.2	93.
23.2	66.6	6937.3	425.0	-23.5	-42.9	268.7	29.7	29.7	0.7	318.8	319.6	0.2	14.7	20.5	93.
25.7	70.1	7374.4	400.0	-27.7	-47.2	267.6	28.2	28.2	1.1	318.9	320.0	0.3	32.2	23.1	92.
27.9	73.7	7837.1	375.0	-31.3	-40.1	265.5	29.5	29.4	2.3	319.4	320.5	0.3	43.4	24.0	91.
29.2	77.7	8371.6	350.0	-36.2	-40.6	264.1	31.1	31.1	2.0	319.9	321.0	0.3	63.2	29.3	91.
30.4	81.1	8811.0	325.0	-40.1	94.3	272.6	30.7	30.7	-1.4	321.3	322.4	99.9	99.9	32.4	91.
32.6	85.7	9311.1	300.0	-44.8	99.9	261.8	31.9	31.9	-0.5	322.2	322.4	99.9	99.9	35.5	91.
34.9	90.2	9845.7	275.0	-50.5	94.9	267.1	33.1	32.4	-0.9	322.1	322.4	99.9	99.9	43.7	93.
36.1	94.3	10544.9	250.0	-54.7	94.9	270.3	34.1	33.8	-0.9	324.6	324.6	99.9	99.9	48.7	93.
38.9	99.4	11275.4	225.0	-58.7	94.9	277.9	40.7	40.3	-5.6	328.6	328.6	99.9	99.9	53.6	94.
41.2	104.8	11947.1	200.0	-55.6	99.9	267.2	29.0	29.0	1.4	344.7	344.7	99.9	99.9	58.0	92.
43.4	110.5	12310.0	175.0	-60.8	94.9	268.7	36.1	36.9	9.3	346.6	346.6	99.9	99.9	64.0	91.
47.2	116.7	13741.5	150.0	-60.7	94.9	268.7	46.0	46.0	1.1	365.5	365.5	99.9	99.9	73.3	91.
50.6	123.4	14444.5	125.0	-64.5	99.9	266.4	35.7	35.4	2.2	374.2	374.2	99.9	99.9	81.3	90.
55.1	131.3	14244.8	100.0	-68.0	94.9	258.5	27.3	26.8	5.3	390.3	390.3	99.9	99.9	92.0	90.
60.0	139.1	17970.5	75.0	-68.6	94.9	269.2	25.6	25.6	0.4	420.1	420.1	99.9	99.9	100.2	89.
64.2	147.7	20324.9	50.0	-64.5	99.9	261.5	19.4	19.3	1.6	491.7	491.7	99.9	99.9	111.1	88.
68.9	156.0	24714.1	25.0	-60.8	94.9	260.9	37.9	37.4	0.0	609.9	609.9	99.9	99.9		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LFSS THAN 0 DEG





STATION NO. 261  
DEL MID. TEX

6 FEBRUARY 1975  
515 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP °C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T D-J K	E POT T DG K	MR STD GM/KG	RH PCY	RANGE KM	AZ DC
0.0	8.2	314.0	974.4	12.9	10.1	150.0	2.1	-1.0	1.6	286.8	309.4	8.0	83.0	0.0	0.0
0.1	90.9	97.9	1000.0	49.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	6.2	312.1	975.0	13.0	4.9	163.4	4.1	-1.4	4.9	240.2	310.7	7.9	77.1	0.1	357.0
1.3	16.9	572.7	950.0	15.4	8.3	166.4	9.6	-2.3	9.4	294.2	313.5	7.2	60.8	0.5	350.0
1.4	17.4	744.9	925.0	14.4	7.3	168.7	8.6	-1.7	8.5	295.0	313.7	7.0	62.4	1.0	348.0
2.7	15.2	1014.4	900.0	12.3	9.0	146.1	8.0	6.4	7.9	295.3	316.7	8.1	80.3	1.5	350.0
3.5	17.1	1246.1	875.0	11.7	7.9	237.3	6.8	5.7	3.7	297.0	317.7	7.7	77.6	1.7	357.0
4.4	19.7	1504.2	850.0	12.0	-0.4	279.7	7.9	7.8	-1.3	299.3	311.7	6.4	42.6	1.8	9.0
5.2	21.4	1740.3	825.0	10.3	-6.5	291.1	9.4	8.4	-3.4	299.9	308.1	2.9	30.0	1.8	23.0
6.1	23.3	2011.5	800.0	9.1	-9.0	296.2	11.5	10.4	-5.1	300.1	307.2	2.4	28.4	1.9	4.0
7.1	25.7	2274.3	775.0	6.0	-10.9	297.7	11.7	10.3	-5.4	300.6	306.9	2.1	28.4	2.1	58.0
8.0	28.1	2541.6	750.0	-0.0	-12.2	296.4	13.0	11.7	-5.8	301.1	307.1	2.0	29.6	2.5	71.0
8.8	31.9	2811.5	725.0	3.0	-14.2	296.8	16.0	14.3	-7.2	302.9	309.2	1.8	27.0	3.0	80.0
9.4	34.4	3094.9	700.0	1.2	-14.4	295.5	19.1	17.1	-8.2	304.0	309.4	1.8	30.0	3.9	90.0
10.4	36.7	3311.4	674.0	-0.5	-15.6	292.3	21.5	19.9	-8.2	305.3	310.4	1.7	30.7	4.0	95.0
11.7	38.6	3647.0	650.0	-3.0	-13.3	291.5	21.6	22.0	-8.6	305.9	312.2	2.1	44.8	6.3	99.0
12.4	42.1	4071.4	625.0	-5.4	-13.0	291.5	23.9	22.7	-8.7	306.5	313.3	2.2	55.0	7.9	101.0
13.1	47.8	4631.0	600.0	-6.1	-13.7	290.4	23.9	22.4	-8.7	306.8	313.5	2.2	64.9	9.6	103.0
14.5	50.7	5031.3	550.0	-10.4	-21.3	285.6	22.9	22.0	-8.2	311.9	316.3	1.3	39.9	12.9	104.0
17.7	51.6	5310.0	525.0	-12.8	-24.8	283.2	24.6	24.0	-5.6	313.1	316.3	1.0	35.7	14.6	104.0
18.0	54.4	5773.7	500.0	-15.1	-24.1	278.3	24.5	25.3	-3.7	314.4	316.7	0.7	30.2	14.6	104.0
20.6	54.4	6106.4	475.0	-17.3	-34.2	272.9	26.0	25.9	-1.3	316.5	318.0	0.4	21.3	19.0	103.0
22.3	63.3	6508.8	450.0	-21.0	-35.6	269.3	24.6	24.6	0.3	316.9	318.3	0.4	25.2	21.3	102.0
23.7	64.1	6474.7	425.0	-24.0	-38.0	276.0	25.8	25.6	-2.7	318.2	319.4	0.3	26.1	23.7	100.0
25.4	64.6	7147.4	400.0	-27.8	-40.7	268.8	25.8	25.4	-6.8	318.8	319.8	0.3	27.7	26.2	100.0
26.9	73.3	7674.1	375.0	-31.4	-45.2	262.1	26.2	25.7	-3.5	319.9	320.6	0.2	24.0	28.7	100.0
28.0	78.9	8112.5	350.0	-35.4	-48.1	263.6	28.7	27.4	-6.6	320.7	321.2	0.1	26.0	31.5	101.0
30.3	80.6	8673.4	325.0	-40.2	99.9	266.0	29.8	28.6	-8.2	321.3	322.1	99.9	99.9	34.3	101.0
32.7	84.6	9364.2	300.0	-44.9	99.9	265.1	32.0	30.9	-8.3	322.1	322.8	97.9	99.9	38.0	101.0
34.6	90.7	9937.3	275.0	-50.0	99.9	260.9	29.7	29.2	-5.6	322.8	323.7	99.9	99.9	42.3	102.0
36.6	93.2	10554.8	250.0	-55.4	99.9	275.3	34.1	34.0	-3.2	323.7	324.5	99.9	99.9	46.0	101.0
39.1	97.5	11217.3	225.0	-61.3	99.9	274.6	36.4	36.3	-2.9	324.5	325.4	99.9	99.9	51.5	101.0
41.4	102.3	11966.0	200.0	-67.1	99.9	268.3	38.5	38.5	-12.1	334.4	334.3	99.9	99.9	56.0	101.0
43.1	106.5	12766.1	175.0	-54.5	99.9	277.9	34.9	34.5	-8.8	353.3	353.3	99.9	99.9	62.3	101.0
45.6	114.5	13749.2	150.0	-61.4	99.9	279.7	33.5	33.0	-5.6	364.3	364.3	99.9	99.9	68.8	100.0
51.2	121.3	14873.4	125.0	-66.6	99.9	286.2	37.1	35.8	-10.3	377.9	377.9	99.9	99.9	76.1	101.0
55.4	124.7	15213.0	100.0	-68.7	99.9	270.2	31.7	31.7	-0.1	395.0	395.0	99.9	99.9	83.6	100.0
61.4	137.3	17034.3	75.0	-64.5	99.9	276.2	24.7	24.5	-2.6	427.2	427.2	99.9	99.9	90.7	100.0
64.4	146.3	20346.9	50.0	-65.6	99.9	282.5	10.5	10.2	-2.3	499.1	499.1	99.9	99.9	101.5	99.0
68.1	156.5	24644.0	25.0	-60.9	99.9	242.5	10.9	9.7	5.0	609.4	609.4	99.9	99.9	111.3	98.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 265  
MIDLAND, TEX  
6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T UG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	11.3	873.0	918.7	2.2	1.0	50.0	4.1	-3.1	-2.6	282.7	298.4	4.5	92.0	0.0	0.
00.9	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.3	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.3	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.3	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	12.9	1039.5	900.0	4.4	0.3	99.9	99.9	99.9	99.9	280.6	298.1	4.3	75.1	99.9	99.9
1.4	15.1	1270.0	875.0	6.0	-2.5	399.3	99.9	99.9	99.9	290.4	300.4	3.6	54.4	99.9	99.9
2.2	17.3	1506.7	850.0	4.3	-5.3	99.9	99.9	99.9	99.9	291.1	294.5	3.0	49.5	99.9	99.9
3.2	19.3	1748.8	825.0	2.3	-7.4	349.4	15.3	2.8	-15.0	291.3	298.8	2.6	48.5	2.1	180.
4.0	21.4	1498.4	800.0	0.1	-9.0	339.7	18.4	6.4	-17.3	291.6	298.1	2.3	47.8	2.9	176.
5.1	23.7	2750.9	775.0	0.0	-5.9	320.7	13.1	8.3	-10.2	294.2	303.1	3.2	64.3	4.0	169.
6.1	25.3	2513.2	750.0	-1.6	-6.0	288.0	9.8	0.3	-3.0	295.2	308.4	3.3	72.3	4.5	163.
7.1	28.3	2782.1	725.0	-3.3	-5.3	273.0	11.0	11.0	-0.6	296.3	306.3	3.6	86.1	6.7	157.
8.0	30.3	3080.1	700.0	-6.4	-7.5	272.6	13.4	13.4	-0.6	298.4	307.3	3.1	76.8	5.1	150.
9.2	33.3	3340.0	675.0	-6.4	-10.2	280.0	15.9	15.6	-2.7	298.8	306.4	2.6	74.1	5.8	141.
10.4	35.7	3640.5	650.0	-7.9	-14.4	289.9	20.1	14.9	-6.8	300.2	305.8	1.9	57.6	6.7	135.
11.5	38.3	3843.0	625.0	-8.6	-27.0	300.4	24.6	21.2	-12.5	302.7	304.8	0.7	21.3	8.3	131.
12.6	40.9	4211.4	600.0	-9.3	-23.5	300.0	27.6	23.9	-13.8	305.4	308.4	1.0	30.6	9.9	130.
13.8	43.7	4539.1	575.0	-10.6	-20.6	291.0	30.1	26.1	-10.8	307.7	311.7	1.3	43.2	12.0	128.
15.1	46.5	4831.3	550.0	-11.4	-21.7	280.2	31.5	31.0	-5.6	310.7	314.5	1.2	41.4	14.2	114.
16.3	49.5	5288.4	525.0	-14.3	-24.7	276.5	34.4	34.2	-3.9	311.3	315.1	1.2	50.6	16.4	120.
17.6	52.4	5658.5	500.0	-17.0	-22.7	275.4	37.5	33.4	-3.2	313.5	316.3	1.0	61.0	18.6	117.
18.9	55.4	6037.5	475.0	-19.8	-25.9	280.1	36.8	36.2	-6.5	316.7	316.7	1.0	57.9	21.5	114.
20.3	58.6	6436.1	450.0	-23.1	-29.0	280.0	34.6	34.0	-6.0	314.2	316.7	0.8	58.5	24.3	113.
21.8	62.3	6851.9	425.0	-25.7	-34.9	288.0	36.2	34.5	-11.2	316.1	317.6	0.5	41.5	27.4	112.
23.3	65.5	7233.6	400.0	-24.5	-47.2	290.2	36.9	34.6	-12.8	317.8	318.3	0.1	14.6	30.9	111.
24.9	69.3	7748.4	375.0	-32.3	-48.0	288.9	40.6	36.4	-13.2	318.0	319.2	0.1	19.1	34.1	111.
26.5	72.7	8231.7	350.0	-35.9	-48.7	289.7	41.6	39.2	-14.0	320.3	320.7	99.9	25.2	38.3	111.
28.1	76.7	8741.4	325.0	-40.6	99.9	287.4	37.7	35.9	-11.6	320.7	999.9	99.9	99.9	42.4	111.
29.9	80.9	9240.2	300.0	-45.9	99.9	287.5	44.18	42.0	-13.3	320.6	999.9	99.9	99.9	47.0	111.
31.9	85.1	9852.6	275.0	-50.4	99.9	290.1	42.28	39.6	-14.5	321.6	999.9	99.9	99.9	51.6	110.
33.9	89.4	10466.5	250.0	-55.3	99.9	285.9	47.68	45.8	-13.0	323.8	999.9	99.9	99.9	57.4	111.
36.4	95.0	11129.3	225.0	-60.5	99.9	277.5	52.27	52.7	-6.9	325.9	999.9	99.9	99.9	64.5	109.
38.7	100.4	11955.2	200.0	-61.4	99.9	289.6	59.58	56.1	-20.0	335.5	999.9	99.9	99.9	72.1	108.
41.4	106.3	12732.2	175.0	-57.4	99.9	289.4	39.68	37.2	-13.4	355.2	999.9	99.9	99.9	79.7	109.
44.9	113.0	13678.1	150.0	-57.5	99.9	286.1	29.48	28.2	-8.2	371.0	999.9	99.9	99.9	88.7	109.
48.5	120.7	14813.6	125.0	-63.5	99.9	282.7	44.08	43.0	-9.3	380.0	999.9	99.9	99.9	95.4	108.
53.1	129.7	16169.0	100.0	-66.5	99.9	280.0	28.88	28.3	-5.0	399.3	999.9	99.9	99.9	106.3	108.
59.5	139.7	17416.5	75.0	-65.8	99.9	280.7	28.78	28.2	-5.3	435.0	999.9	99.9	99.9	119.0	107.
68.0	151.0	20133.5	50.0	-60.3	99.9	296.0	10.98	9.8	-4.8	501.4	999.9	99.9	99.9	126.3	108.
82.0	162.5	24674.9	25.0	-61.3	99.9	999.9	99.9	99.9	99.9	608.7	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 304  
MATTERAS, NC6 FEBRUARY 1975  
515 GMT

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	4.0	1010.5	10.3	9.7	270.0	5.1	5.1	0.0	263.6	302.7	7.5	96.0	0.0	0.
0.3	4.9	91.1	1000.0	9.7	9.2	258.9	12.0	11.0	2.3	263.8	302.5	7.4	97.1	0.3	66.
1.0	6.9	301.5	975.0	9.0	8.8	255.3	13.5	13.1	3.4	285.2	303.9	7.3	98.1	0.7	78.
1.8	9.2	516.7	950.0	8.1	6.9	260.7	16.7	18.5	3.0	286.3	303.4	6.6	95.8	1.4	77.
2.4	11.3	738.1	925.0	9.4	-5.9	262.6	23.8	23.6	3.1	289.4	297.5	3.0	36.8	2.3	79.
3.2	13.6	965.0	900.0	10.0	-17.6	260.3	23.6	23.3	4.0	291.9	295.1	1.1	12.5	3.4	80.
3.9	15.6	1199.4	875.0	10.9	-4.5	258.2	26.5	25.9	5.4	295.5	304.3	3.1	33.7	4.6	80.
4.8	18.2	1440.4	850.0	10.2	-19.6	259.3	25.2	24.8	4.7	296.9	299.9	1.0	10.8	5.8	80.
5.6	20.6	1688.6	825.0	10.1	-33.9	257.4	23.1	22.5	5.1	299.3	300.2	0.3	2.8	7.0	79.
6.4	23.0	1942.7	800.0	7.7	-34.6	259.3	21.8	21.4	4.1	299.4	300.3	0.3	3.0	8.1	79.
7.3	25.4	2203.2	775.0	5.8	-35.2	264.2	25.1	25.0	2.5	300.1	300.9	0.2	3.3	9.3	80.
8.2	27.9	2470.6	750.0	4.8	-35.5	260.6	27.5	27.1	4.5	301.8	302.6	0.2	3.4	10.8	80.
9.0	30.5	2746.1	725.0	3.2	-36.1	253.3	28.6	27.4	8.2	303.0	303.8	0.2	3.6	12.3	80.
10.1	33.2	3029.4	700.0	1.5	-36.8	247.3	29.2	26.9	11.3	304.2	305.0	0.2	3.8	13.9	79.
11.0	35.7	3320.7	675.0	-1.1	-37.8	248.4	29.5	27.4	10.9	304.5	305.2	0.2	4.1	15.6	77.
12.0	38.4	3620.3	650.0	-3.0	-33.2	251.9	28.1	26.7	8.7	305.6	306.8	0.4	7.8	17.3	77.
12.9	41.0	3929.8	625.0	-4.6	-29.0	253.6	27.0	25.9	7.6	307.2	309.1	0.6	12.7	18.9	76.
14.0	43.9	4249.6	600.0	-6.8	-30.5	256.5	27.5	26.7	6.4	308.3	309.9	0.5	13.1	20.5	76.
15.0	46.9	4580.1	575.0	-9.4	-32.5	255.0	31.5	30.5	8.2	309.0	310.5	0.4	13.2	22.5	76.
16.1	50.0	4921.9	550.0	-11.4	-33.9	247.8	32.9	30.5	12.4	310.6	311.9	0.4	13.4	24.4	76.
17.2	52.9	5277.9	525.0	-13.0	-36.8	241.8	35.6	31.4	16.9	312.8	313.9	0.3	11.4	26.8	75.
18.4	55.9	5647.4	500.0	-16.4	-35.8	244.6	33.2	30.0	14.2	313.1	314.3	0.4	16.8	28.9	74.
19.6	59.1	6030.0	475.0	-19.5	-34.7	252.9	37.9	36.2	11.1	315.6	315.3	0.4	24.3	31.7	73.
20.9	62.5	6431.1	450.0	-21.9	-38.0	254.3	42.09	40.5	11.4	315.6	316.8	0.3	21.7	35.1	73.
22.3	65.9	6849.1	425.0	-24.5	-42.6	251.6	43.59	41.3	13.7	317.5	318.3	0.2	15.8	38.6	73.
23.7	69.4	7287.7	400.0	-28.0	-42.6	249.8	45.18	42.3	15.6	318.5	319.3	0.2	22.7	41.7	73.
25.1	73.0	7747.0	375.0	-32.2	-43.3	249.3	43.74	40.9	15.5	318.9	319.7	0.2	32.1	45.7	73.
26.7	77.0	8230.1	350.0	-35.9	-43.7	241.4	48.09	44.1	18.8	320.2	321.2	0.3	57.0	50.4	73.
28.2	80.8	8741.5	325.0	-39.3	-43.7	241.4	51.24	44.9	24.5	322.4	323.3	0.2	62.8	54.4	72.
29.8	84.8	9285.9	300.0	-42.5	99.9	240.4	61.04	53.6	30.5	325.5	325.5	99.9	99.9	60.6	71.
31.7	89.2	9867.6	275.0	-47.2	99.9	241.7	70.66	62.1	33.5	326.9	326.9	99.9	99.9	66.5	70.
33.6	93.8	10490.8	250.0	-52.4	99.9	241.0	71.56	62.5	34.7	328.1	328.1	99.9	99.9	74.4	69.
35.8	98.8	11164.6	225.0	-57.5	99.9	241.3	64.47	56.5	30.9	330.4	330.4	99.9	99.9	84.1	68.
38.2	104.0	11900.2	200.0	-61.3	99.9	244.5	60.78	72.8	34.8	335.7	335.7	99.9	99.9	94.1	67.
40.9	110.0	12743.7	175.0	-56.6	99.9	258.2	65.99	65.0	16.0	356.4	356.4	99.9	99.9	105.3	68.
44.1	116.3	13713.0	150.0	-60.0	99.9	253.6	66.56	63.8	18.8	366.8	366.8	99.9	99.9	114.5	69.
47.5	123.3	14844.3	125.0	-63.2	99.9	242.5	44.00	39.1	20.2	380.5	380.5	99.9	99.9	128.5	69.
51.7	131.3	16198.5	100.0	-66.9	99.9	248.9	46.24	43.1	16.6	398.6	398.6	99.9	99.9	141.2	68.
56.9	139.7	17923.8	75.0	-69.0	99.9	249.2	7.999	6.9	2.8	428.4	428.4	99.9	99.9	153.3	69.
64.4	149.0	20356.8	50.0	-68.3	99.9	248.8	41.00	38.6	15.0	482.5	482.5	99.9	99.9	162.4	69.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 °° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA6 FEBRUARY 1975  
515 GMT

148 20. 0

TIME M	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00.0	0.1	246.0	984.1	5.0	5.0	220.0	2.6	1.7	2.0	280.1	294.3	5.6	100.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.3	0.9	321.9	975.0	4.4	4.4	255.7	14.6	14.1	3.6	280.2	293.9	5.4	101.1	0.2	49.
1.0	10.9	536.3	950.0	9.4	3.6	260.0	15.3	15.0	2.7	287.5	301.2	5.2	66.9	0.7	69.
1.9	13.1	758.3	925.0	10.6	3.7	266.8	18.7	18.7	1.0	290.9	305.3	5.2	62.2	1.6	77.
2.7	15.3	986.2	900.0	8.9	-0.0	267.2	19.9	19.1	1.0	291.3	302.9	4.3	53.4	2.5	81.
3.6	17.4	1218.7	875.0	7.2	-3.2	267.2	19.7	19.7	1.0	291.7	301.2	3.4	47.3	3.5	83.
4.4	19.7	1456.5	850.0	5.3	-2.2	263.6	20.6	20.6	2.3	292.2	302.7	3.8	58.6	4.5	83.
5.2	21.8	1699.7	825.0	3.4	-2.7	254.6	20.5	19.8	6.4	292.7	303.2	3.8	64.0	5.6	83.
6.1	24.2	1948.6	800.0	1.6	-6.0	244.5	21.1	19.0	9.1	293.3	301.9	3.1	57.1	6.7	81.
7.1	26.4	2203.7	775.0	0.1	-13.3	242.0	23.5	20.8	11.0	294.1	299.4	1.8	37.0	7.9	78.
8.1	28.9	2465.5	750.0	-1.7	-25.0	243.7	21.5	19.3	9.6	294.8	296.9	0.7	14.8	9.2	75.
9.1	31.4	2734.7	725.0	-2.6	-28.7	249.1	24.0	22.5	8.6	296.7	298.2	0.5	11.3	10.5	74.
10.2	34.0	3012.3	700.0	-3.6	-20.4	252.1	27.8	26.5	8.6	298.6	301.9	1.1	25.8	12.2	74.
11.2	36.3	3299.2	675.0	-4.6	-34.3	249.5	32.2	30.2	11.3	300.5	302.1	0.5	12.6	14.1	74.
12.4	39.1	3595.4	653.0	-5.6	-50.4	247.3	35.2	32.5	13.6	302.4	302.6	0.1	1.5	16.6	72.
13.5	41.6	3901.6	625.0	-7.8	-54.9	252.5	34.6	33.0	10.4	303.5	303.6	0.0	1.0	18.8	72.
14.8	44.3	4218.0	600.0	-9.0	-24.0	254.3	38.7	37.3	10.4	305.8	308.7	0.9	28.4	21.6	73.
16.1	47.2	4546.1	575.0	-11.3	-22.8	250.6	41.7	39.3	13.8	306.8	310.2	1.1	37.9	24.7	73.
17.5	50.1	4885.8	550.0	-13.6	-23.7	248.7	38.7	36.1	14.1	308.0	311.2	1.0	42.1	28.2	72.
18.8	52.9	5238.1	525.0	-16.0	-26.6	250.7	40.6	38.3	13.4	309.3	311.9	0.8	39.1	31.3	72.
20.1	55.8	5604.1	500.0	-18.7	-27.7	247.3	44.3	40.9	17.1	310.3	312.8	0.8	45.0	34.7	72.
21.5	58.9	5984.9	475.0	-20.5	-30.6	247.5	47.6	43.8	18.1	312.6	314.7	0.6	39.6	38.2	71.
23.0	62.1	6383.2	450.0	-23.1	-37.6	245.3	45.7	41.6	19.1	314.2	315.3	0.3	25.0	42.6	71.
24.4	65.4	6798.9	425.0	-26.7	-37.4	245.4	45.9	41.7	19.2	314.7	316.0	0.4	35.5	46.2	70.
25.9	68.8	7233.1	400.0	-30.3	-38.2	245.8	53.7	49.0	22.0	315.6	317.2	0.4	46.2	50.7	70.
27.6	72.1	7688.9	375.0	-33.9	-45.8	246.8	48.7	44.8	19.1	316.6	317.2	0.2	29.3	54.1	70.
29.4	75.9	8168.4	350.0	-38.0	-40.8	245.8	61.8	55.7	25.0	317.4	318.5	0.3	75.3	61.8	69.
31.4	79.8	8674.0	325.0	-42.4	99.9	243.2	40.3	31.1	18.3	318.2	319.9	99.9	99.9	67.7	69.
33.5	83.7	9210.3	300.0	-46.7	99.9	243.1	71.1	63.4	32.1	319.5	319.9	99.9	99.9	75.1	68.
35.8	87.7	9781.2	275.0	-51.5	99.9	239.5	54.0	47.3	27.8	320.7	319.9	99.9	99.9	83.5	68.
38.2	92.2	10397.7	250.0	-52.8	99.9	238.3	77.0	65.5	40.4	327.5	319.9	99.9	99.9	90.2	67.
40.9	96.6	11070.3	225.0	-56.3	99.9	235.9	38.2	31.6	21.4	332.2	319.9	99.9	99.9	103.5	66.
43.9	101.8	11821.5	200.0	-54.6	99.9	241.7	91.0	80.3	44.3	346.3	319.9	99.9	99.9	111.8	65.
47.3	107.5	12675.5	175.0	-55.8	99.9	241.7	77.1	67.9	36.6	357.8	319.9	99.9	99.9	128.3	65.
50.8	113.3	13644.7	150.0	-60.4	99.9	242.1	39.2	34.6	18.3	366.0	319.9	99.9	99.9	138.4	64.
54.7	119.6	14775.6	125.0	-62.5	99.9	241.5	46.0	40.4	22.0	381.8	319.9	99.9	99.9	149.0	64.
59.7	127.3	16137.5	100.0	-65.2	99.9	242.7	44.1	39.2	20.3	401.9	319.9	99.9	99.9	163.7	64.
65.6	135.7	17879.9	75.0	-66.0	99.9	247.1	37.7	34.7	14.6	434.6	319.9	99.9	99.9	176.6	64.
73.9	144.0	20343.0	50.0	-65.0	99.9	239.0	14.0	14.0	7.2	490.3	319.9	99.9	99.9	199.3	64.
86.5	153.0	24568.8	25.0	-64.2	99.9	258.0	27.9	26.9	5.7	600.0	319.9	99.9	99.9	203.2	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	275.0	978.4	3.3	3.3	210.0	5.7	2.8	4.9	274.8	291.5	5.0	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.1	7.9	303.2	975.0	2.7	2.5	242.8	8.6	7.7	4.0	278.5	290.5	4.7	98.2	0.1	37.
0.9	10.2	513.2	950.0	1.9	-0.7	264.2	12.4	12.3	1.2	279.6	289.6	3.8	83.5	0.4	68.
1.6	12.3	730.6	925.0	5.1	-2.2	277.8	15.8	15.7	-2.1	285.0	294.5	3.5	59.2	1.0	83.
2.4	14.5	954.4	900.0	5.4	-2.2	273.2	17.2	17.2	-1.0	287.6	297.4	3.6	57.8	1.8	89.
3.2	16.6	1184.6	875.0	4.5	-2.8	266.6	17.6	17.6	1.0	288.9	298.6	3.6	59.4	2.6	89.
3.9	19.1	1420.2	850.0	3.5	-4.9	263.9	19.6	19.6	2.1	290.2	298.8	3.1	54.0	3.5	88.
4.8	21.3	1661.7	825.0	1.3	-5.8	258.0	19.8	19.3	4.1	290.3	298.7	3.0	59.1	4.5	87.
5.6	23.8	1908.6	800.0	-0.0	-8.5	248.4	19.6	18.2	7.2	291.4	298.5	2.5	53.2	5.5	84.
6.5	26.1	2163.4	775.0	1.0	-29.9	249.8	23.3	21.9	8.0	295.0	298.2	0.4	7.8	6.5	81.
7.4	28.6	2427.0	750.0	1.1	-40.5	249.9	27.7	26.0	9.5	297.8	298.2	0.1	2.7	7.8	80.
8.2	31.2	2698.3	725.0	-0.9	-29.2	248.1	29.5	27.4	11.0	298.5	300.0	0.5	9.6	9.2	78.
9.1	33.9	2977.3	700.0	-2.4	-27.7	246.8	31.1	28.6	12.2	299.9	301.6	0.6	12.2	10.8	76.
9.9	36.4	3264.6	675.0	-4.9	-32.0	246.7	33.6	30.8	13.3	300.2	301.5	0.4	9.9	12.3	75.
10.7	39.1	3560.0	650.0	-7.0	-32.6	245.5	34.5	31.4	14.3	301.1	302.3	0.4	10.8	14.2	74.
11.7	41.7	3864.2	625.0	-9.7	-30.6	247.7	36.2	33.5	15.7	301.4	303.0	0.5	17.5	16.1	73.
12.7	44.6	4178.2	600.0	-11.6	-23.3	253.9	40.7	39.1	11.3	302.7	305.8	1.0	37.1	18.2	73.
13.7	47.5	4503.7	575.0	-13.1	-24.7	257.4	43.1	42.0	9.4	304.7	307.6	0.9	36.9	21.0	73.
14.8	50.4	4841.4	550.0	-14.8	-27.8	255.4	46.8	45.3	11.8	306.6	308.9	0.7	32.1	23.8	74.
15.9	53.4	5192.1	525.0	-16.6	-29.5	251.7	46.7	44.4	14.6	308.5	310.5	0.6	32.1	27.2	74.
17.0	56.4	5537.1	500.0	-18.9	-29.9	250.8	44.5	42.0	14.6	310.1	312.2	0.6	36.7	30.2	73.
18.3	59.6	5937.2	475.0	-21.6	-32.7	249.3	48.4	45.3	17.1	311.2	312.9	0.5	35.6	33.3	73.
19.4	63.0	6333.1	450.0	-24.2	-35.8	247.6	48.3	44.6	18.4	312.8	314.1	0.4	33.1	37.0	73.
20.7	66.1	6747.1	425.0	-27.6	-38.2	246.0	51.6	47.1	21.0	313.7	314.8	0.3	35.3	40.4	72.
22.0	69.8	7179.7	400.0	-31.6	-38.6	246.2	52.3	47.8	21.1	313.9	315.1	0.3	49.7	44.6	71.
23.4	73.3	7633.4	375.0	-34.5	-42.0	245.6	54.0	49.2	22.3	315.9	316.8	0.2	46.1	49.2	71.
24.8	77.1	8111.5	350.0	-38.8	-44.6	246.0	57.9	52.0	26.6	316.4	317.1	0.2	53.6	54.0	71.
26.5	80.9	8615.7	325.0	-42.9	-44.6	239.5	73.6	63.5	37.2	319.0	319.9	99.9	99.9	60.3	70.
28.2	85.1	9150.7	300.0	-47.1	99.9	239.7	73.6	63.5	37.2	319.0	319.9	99.9	99.9	65.9	69.
30.0	89.3	9720.9	275.0	-51.4	99.9	235.0	48.2	39.5	27.6	320.8	319.9	99.9	99.9	73.4	68.
32.2	94.2	10335.0	250.0	-54.3	99.9	239.0	91.5	78.4	47.1	323.4	319.9	99.9	99.9	82.4	67.
34.4	98.8	11012.5	225.0	-53.7	99.9	240.4	71.8	62.4	35.5	336.2	319.9	99.9	99.9	93.5	66.
37.0	104.0	11765.7	200.0	-55.1	99.9	246.4	86.1	79.1	34.6	345.5	319.9	99.9	99.9	102.9	65.
40.1	110.0	12617.8	175.0	-56.6	99.9	246.5	75.5	69.4	30.0	356.6	319.9	99.9	99.9	116.8	66.
43.7	116.0	13584.8	150.0	-60.2	99.9	247.3	6.6	6.1	2.5	368.5	319.9	99.9	99.9	123.3	66.
47.9	123.0	14719.8	125.0	-61.8	99.9	248.1	27.3	25.3	10.2	383.1	319.9	99.9	99.9	146.0	66.
52.6	132.8	16088.7	100.0	-66.3	99.9	244.2	62.5	56.3	27.3	399.6	319.9	99.9	99.9	163.1	66.
58.8	139.0	17833.1	75.0	-66.6	99.9	66.1	54.6	-50.0	-22.1	433.3	319.9	99.9	99.9	173.2	66.
64.9	147.7	20310.8	50.0	-65.0	99.9	235.9	5.1	4.3	2.9	490.4	319.9	99.9	99.9	181.5	66.
70.5	156.7	24525.6	25.0	-63.6	99.9	267.3	18.8	18.8	0.9	602.3	319.9	99.9	99.9	196.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN.

6 FEBRUARY 1975  
515 GMT

147 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	991.5	6.0	5.0	310.0	5.1	3.9	-3.3	280.5	294.6	5.5	93.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	6.8	317.8	975.0	5.7	5.1	291.4	10.9	10.1	-4.0	281.6	296.1	5.7	95.7	0.2	119.
1.3	9.1	529.8	950.0	3.8	3.5	280.3	9.9	9.8	-1.8	281.7	295.1	5.2	97.9	0.6	112.
2.1	11.2	746.1	925.0	2.1	1.9	269.6	11.5	11.5	0.1	282.1	294.4	4.7	98.2	1.1	104.
2.8	13.5	947.1	900.0	0.6	0.4	261.3	13.5	13.4	2.0	282.7	294.2	4.4	98.2	1.7	97.
3.6	15.7	1192.9	875.0	-0.9	-1.1	258.6	16.3	16.0	3.2	283.4	294.0	4.0	98.0	2.3	92.
4.3	18.1	1423.8	850.0	-2.6	-3.0	256.7	16.9	16.4	3.9	283.9	293.5	3.6	97.5	3.0	89.
5.0	20.4	1680.7	825.0	-3.0	-7.5	260.4	18.0	17.7	3.0	285.7	292.9	2.6	71.0	3.8	87.
5.7	22.8	1904.7	800.0	-2.6	-7.4	264.7	15.7	15.6	1.4	288.7	292.2	2.7	69.4	4.5	86.
6.4	25.3	2154.7	775.0	-6.0	-11.9	264.5	16.8	16.6	1.6	287.6	293.1	2.0	63.2	5.3	86.
7.4	27.9	2411.1	750.0	-6.9	-19.2	259.6	20.4	20.1	3.7	289.2	292.5	1.1	36.8	6.2	86.
8.3	30.6	2675.1	725.0	-8.1	-25.4	254.3	22.3	21.5	6.0	290.7	292.7	0.7	23.3	7.4	84.
9.2	33.3	2947.2	700.0	-8.9	-36.5	253.6	22.3	21.4	6.3	292.6	293.4	0.2	8.6	8.6	82.
10.1	36.0	3228.0	675.0	-10.2	-56.4	257.6	23.2	22.7	5.0	294.2	294.3	0.0	1.0	9.8	81.
11.0	38.9	3517.4	650.0	-12.4	-57.8	256.9	23.8	23.2	7.4	295.6	295.6	0.0	1.0	11.1	81.
12.0	41.8	3815.7	625.0	-14.7	-59.3	253.7	26.2	25.2	7.4	295.6	295.6	0.0	1.0	12.6	80.
13.0	44.6	4123.2	600.0	-17.3	-60.9	255.0	27.1	26.1	7.0	296.1	296.2	0.0	1.0	14.2	79.
14.1	48.0	4450.1	575.0	-20.6	-58.2	256.6	28.9	28.1	6.7	295.9	295.9	0.0	1.9	16.0	79.
15.4	51.0	4757.2	550.0	-23.2	-64.8	256.0	33.6	32.6	8.1	296.5	296.5	0.0	1.0	18.4	79.
16.5	54.4	5106.7	525.0	-25.1	-65.4	256.7	34.3	33.4	7.9	298.3	298.3	0.0	1.1	20.7	79.
17.5	57.6	5460.1	500.0	-26.5	-60.9	256.2	40.1	38.9	9.5	300.7	300.8	0.0	2.3	22.9	78.
18.4	61.3	5828.8	475.0	-28.9	-58.2	253.0	48.1	46.0	14.1	302.1	302.2	0.0	4.0	25.2	78.
19.7	65.0	6214.7	450.0	-28.7	-59.9	246.9	64.1	59.0	25.2	307.2	309.9	99.9	99.9	29.4	77.
21.3	68.7	6623.1	425.0	-30.5	-59.8	244.9	64.2	58.2	27.2	309.8	309.9	0.0	3.8	35.7	75.
22.6	72.3	7031.1	400.0	-34.0	-50.2	246.0	64.3	58.7	26.2	310.7	311.1	0.1	17.8	41.5	73.
24.1	76.5	7500.1	375.0	-37.4	-54.7	246.3	67.8	62.1	27.3	312.0	312.2	0.1	14.4	46.4	73.
25.5	80.4	7972.1	350.0	-41.7	-59.9	245.2	71.1	64.9	28.9	312.5	312.5	99.9	99.9	52.6	72.
27.2	84.8	8459.5	325.0	-46.2	-59.9	245.2	61.9	55.6	25.7	313.0	313.0	99.9	99.9	59.2	71.
29.1	89.2	8998.3	300.0	-49.5	-59.9	243.1	71.7	64.0	32.4	315.6	315.6	99.9	99.9	66.4	70.
31.2	94.2	9562.8	275.0	-53.2	-59.9	244.4	62.8	56.4	27.1	318.1	318.1	99.9	99.9	74.2	70.
33.1	99.2	10174.9	250.0	-53.9	-59.9	239.9	53.3	46.1	26.8	325.9	325.9	99.9	99.9	81.7	69.
35.4	104.5	10848.5	225.0	-54.6	-59.9	241.3	65.8	57.7	31.6	334.8	334.8	99.9	99.9	91.1	68.
37.9	110.2	11605.0	200.0	-54.1	-59.9	239.7	64.9	56.0	32.7	347.1	347.1	99.9	99.9	99.1	67.
40.7	116.0	12462.2	175.0	-52.8	-59.9	249.6	47.9	44.9	16.7	362.8	362.8	99.9	99.9	110.6	67.
43.1	122.8	13455.3	150.0	-54.8	-59.9	240.2	54.3	47.1	26.9	375.6	375.6	99.9	99.9	121.4	67.
45.1	130.0	14604.0	125.0	-58.2	-59.9	244.6	35.8	32.4	15.2	389.7	389.7	99.9	99.9	132.6	66.
52.4	137.0	15994.5	100.0	-63.0	-59.9	233.1	31.6	25.2	19.0	406.0	406.0	99.9	99.9	143.7	66.
58.6	144.3	17769.5	75.0	-62.0	-59.9	246.4	28.4	26.1	11.4	442.9	442.9	99.9	99.9	156.0	66.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK  
6 FEBRUARY 1975  
600 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	79.0	1009.1	1.7	-2.2	300.0	6.2	5.4	-3.1	274.6	282.8	3.2	75.0	0.0	0.
0.3	5.9	151.9	1000.0	0.6	-2.7	308.4	6.7	5.2	-4.1	274.2	282.2	3.1	78.0	0.2	110.
1.1	6.2	354.5	975.0	-1.4	-3.0	308.9	7.3	5.7	-4.6	274.1	282.2	3.1	88.6	0.4	126.
1.8	10.5	561.0	950.0	-3.2	-3.6	320.3	8.0	5.1	-6.2	274.3	282.2	3.1	97.1	0.8	128.
2.4	12.9	771.6	925.0	-4.7	-4.7	334.5	8.1	3.5	-7.3	274.8	282.4	2.9	101.5	1.2	135.
3.3	15.3	987.0	900.0	-5.4	-6.8	334.5	7.5	3.2	-6.8	276.3	283.0	2.6	90.0	1.5	140.
4.1	17.6	1203.2	875.0	-4.1	-8.9	308.0	5.6	4.4	-3.5	279.8	285.8	2.2	69.5	1.8	141.
4.3	20.2	1438.8	850.0	-2.2	-10.1	274.4	9.5	9.5	-0.7	284.1	289.9	2.1	54.2	2.1	136.
5.6	22.4	1876.0	825.0	-2.5	-10.2	261.8	12.2	12.0	1.7	286.2	292.1	2.1	55.4	2.4	127.
6.3	25.0	1919.6	800.0	-3.6	-9.8	262.4	14.6	14.5	1.9	287.6	293.9	2.3	61.9	2.8	119.
7.2	27.4	2170.5	775.0	-4.7	-9.2	266.0	15.3	15.3	1.1	289.1	295.9	2.5	70.4	3.6	111.
8.1	30.1	2428.0	750.0	-5.7	-12.6	266.4	15.2	15.2	0.9	290.6	296.2	1.9	58.4	4.4	107.
9.2	32.9	2693.5	725.0	-6.9	-19.9	264.4	15.1	15.0	1.5	292.0	295.2	1.1	34.7	5.2	103.
10.1	35.5	2966.7	700.0	-8.3	-22.2	262.1	16.2	16.1	2.2	293.4	296.2	0.9	31.5	6.1	100.
11.0	38.2	3248.3	675.0	-9.4	-32.7	263.6	16.4	16.3	1.8	295.1	296.3	0.4	13.0	6.9	98.
12.1	40.9	3538.6	650.0	-11.6	-27.5	266.0	18.1	18.1	1.3	295.9	297.6	0.6	25.4	7.9	96.
13.0	43.9	3837.6	625.0	-14.5	-25.3	264.5	20.1	20.0	1.9	295.9	298.3	0.8	39.1	9.0	95.
14.0	46.9	4145.4	600.0	-17.0	-26.2	265.1	21.5	21.4	1.8	296.5	298.8	0.7	44.6	10.2	94.
15.1	50.0	4463.4	575.0	-19.3	-26.4	265.5	24.0	23.9	1.9	297.4	299.4	0.6	43.9	11.7	93.
16.1	52.9	4792.9	550.0	-21.2	-30.6	264.4	25.7	25.6	2.5	299.0	300.7	0.5	42.3	13.2	92.
17.2	55.9	5134.3	525.0	-24.4	-28.3	262.6	29.0	28.7	3.9	299.2	301.4	0.7	69.8	14.9	91.
18.1	59.1	5488.4	500.0	-26.8	-32.4	260.6	31.4	30.9	5.1	300.4	302.0	0.5	58.5	16.7	90.
19.4	62.6	5856.4	475.0	-29.6	-31.9	255.8	37.3	36.1	9.1	301.4	303.2	0.6	88.1	19.1	88.
20.6	65.9	6241.7	450.0	-30.5	-40.3	250.2	46.3	43.6	15.7	304.9	305.7	0.2	37.7	22.0	86.
22.1	69.4	6646.6	425.0	-32.6	-57.4	247.3	49.3	45.5	19.1	307.2	307.4	0.0	6.6	26.4	83.
23.5	73.0	7071.2	400.0	-35.1	-44.2	254.2	54.9	52.8	14.9	309.3	310.0	0.2	38.4	30.6	81.
24.9	76.8	7519.3	375.0	-37.5	-43.1	258.3	63.3	61.9	12.9	311.9	312.7	0.2	55.5	35.5	81.
26.6	80.7	7992.3	350.0	-40.9	99.9	258.4	70.99	69.4	14.2	313.6	999.9	99.9	999.9	42.1	80.
28.3	84.8	8492.2	325.0	-45.0	99.9	257.6	71.29	69.5	15.3	314.7	999.9	99.9	999.9	50.1	80.
30.2	89.0	9022.7	300.0	-48.9	99.9	256.2	68.59	66.6	16.3	316.4	999.9	99.9	999.9	57.5	80.
31.9	93.6	9590.0	275.0	-52.7	99.9	255.0	70.99	68.5	18.3	318.9	999.9	99.9	999.9	65.1	79.
34.1	99.4	10200.3	250.0	-56.8	99.9	255.8	70.89	68.6	17.4	321.6	999.9	99.9	999.9	74.6	79.
36.4	103.2	10866.6	225.0	-55.5	99.9	261.5	59.39	58.6	8.8	333.4	999.9	99.9	999.9	84.1	79.
39.3	108.8	11626.3	200.0	-50.9	99.9	254.6	52.79	50.8	14.0	352.2	999.9	99.9	999.9	92.6	79.
42.0	114.5	12489.9	175.0	-54.9	99.9	241.2	47.09	41.1	22.6	359.3	999.9	99.9	999.9	100.6	78.
45.7	121.0	13470.4	150.0	-56.0	99.9	248.0	41.09	38.6	15.6	373.6	999.9	99.9	999.9	113.7	77.
50.0	126.0	14623.5	125.0	-58.2	99.9	256.3	33.89	32.8	8.0	389.7	999.9	99.9	999.9	124.4	76.
55.3	134.0	16021.9	100.0	-58.5	99.9	252.2	43.89	41.7	13.4	414.7	999.9	99.9	999.9	137.3	76.
61.6	143.7	17823.2	75.0	-63.3	99.9	253.9	34.59	33.1	9.6	440.3	999.9	99.9	999.9	146.5	76.
70.7	152.3	20319.7	50.0	-62.6	99.9	265.5	19.49	19.3	1.5	496.2	999.9	99.9	999.9	186.4	76.
84.6	161.3	24572.5	25.0	-62.5	99.9	266.4	19.99	19.8	1.2	605.4	999.9	99.9	999.9	172.9	77.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
MONETTE, MO  
6 FEBRUARY 1975  
000 GMT

TIME MIN	CHCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/SEC	RH PCT	RANGE KM	AZ DG
0.0	7.4	438.0	968.2	-8.9	-11.4	320.0	6.2	4.0	-4.7	266.9	271.2	1.6	82.0	0.0	0.
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	9.2	584.8	950.0	-9.9	-10.6	313.5	10.5	7.6	-7.2	267.4	272.0	1.8	94.7	0.3	133.
1.3	11.2	789.7	925.0	-12.4	-12.4	316.3	9.7	6.7	-7.0	266.9	271.0	1.6	102.3	0.7	133.
1.9	13.5	998.6	900.0	-13.7	-13.7	323.6	7.9	4.7	-6.3	267.6	271.5	1.5	102.8	1.0	136.
2.7	15.6	1215.0	875.0	-8.9	-8.9	333.2	6.1	3.6	-7.2	274.8	280.7	2.2	102.0	1.4	139.
3.4	17.8	1440.0	850.0	-8.3	-8.3	337.1	9.3	3.6	-8.6	277.8	284.1	2.4	101.6	1.7	142.
4.2	20.2	1671.4	825.0	-9.4	-9.4	339.5	7.6	2.4	-7.1	278.9	285.0	2.3	101.5	2.1	146.
5.0	22.4	1910.5	800.0	-7.8	-7.8	322.5	4.1	2.5	-3.2	283.2	290.4	2.7	101.9	2.4	147.
5.9	24.9	2158.1	775.0	-7.1	-10.2	326.8	7.8	4.3	-6.5	286.4	292.7	2.3	79.3	2.6	146.
6.8	27.2	2413.7	750.0	-7.1	-15.3	333.0	6.0	3.6	-7.1	288.4	292.8	1.5	54.2	3.1	147.
7.6	29.7	2677.0	725.0	-8.7	-15.7	325.9	7.4	4.1	-6.1	290.1	294.6	1.5	56.6	3.5	147.
8.4	32.3	2948.4	700.0	-10.1	-17.5	320.7	7.7	4.9	-6.0	291.4	295.5	1.4	54.5	3.8	147.
9.3	35.0	3227.7	675.0	-12.1	-19.0	316.0	6.3	5.8	-5.9	292.2	295.9	1.3	56.2	4.3	146.
10.3	37.4	3515.2	650.0	-14.5	-21.3	308.3	7.7	6.1	-4.8	292.7	295.9	1.1	56.0	4.7	145.
11.3	40.3	3811.4	625.0	-16.7	-24.2	298.6	7.6	6.6	-3.6	293.4	296.0	0.9	52.2	5.2	143.
12.4	42.9	4116.8	600.0	-18.6	-28.7	287.5	6.0	7.6	-2.4	294.4	296.3	0.6	41.2	5.6	140.
13.5	45.8	4432.7	575.0	-21.3	-29.8	275.5	9.7	9.7	-0.9	295.1	296.8	0.4	46.0	6.1	137.
14.7	48.6	4759.1	550.0	-23.8	-33.3	269.3	10.7	10.7	0.1	295.8	297.1	0.4	41.1	6.6	132.
15.9	51.6	5096.9	525.0	-26.8	-42.1	263.0	13.3	13.2	1.6	296.2	296.8	0.2	21.9	7.2	128.
17.0	54.8	5447.4	500.0	-29.2	-38.0	260.3	14.9	14.7	2.5	297.5	298.4	0.3	41.8	7.9	122.
18.2	57.9	5811.8	475.0	-32.2	-37.8	261.0	15.9	15.3	2.4	298.2	299.2	0.3	56.7	8.8	118.
19.7	61.3	6191.4	450.0	-35.0	-39.7	255.0	19.1	18.5	5.0	299.2	300.1	0.3	61.7	10.0	112.
20.9	64.9	6587.3	425.0	-38.7	-43.4	254.2	23.0	22.1	6.2	299.4	300.0	0.2	60.8	11.2	107.
21.9	68.1	7000.5	400.0	-42.2	-49.9	255.1	26.0	25.1	6.7	300.2	300.9	99.9	99.9	12.6	104.
23.1	71.7	7432.9	375.0	-46.3	-49.9	252.7	27.5	26.2	8.2	300.3	300.9	99.9	99.9	14.2	100.
24.5	75.4	7886.8	350.0	-51.1	-49.9	250.0	30.0	28.2	10.3	304.8	309.9	99.9	99.9	16.4	96.
26.0	79.7	8363.9	325.0	-55.2	-49.9	245.7	35.2	32.1	14.5	300.6	309.9	99.9	99.9	18.9	92.
27.7	83.8	8874.7	300.0	-53.5	-49.9	253.1	39.2	37.5	11.4	310.0	309.9	99.9	99.9	22.6	88.
29.5	88.2	9438.3	275.0	-51.5	-49.9	261.3	41.9	41.4	6.4	320.6	309.9	99.9	99.9	26.9	86.
31.7	93.2	10058.7	250.0	-50.9	-49.9	263.8	34.8	34.6	3.7	330.4	309.9	99.9	99.9	31.7	86.
33.4	98.2	10742.3	225.0	-52.5	-49.9	260.0	35.4	34.9	6.2	338.1	309.9	99.9	99.9	35.5	85.
35.8	103.4	11503.9	200.0	-52.2	-49.9	257.2	36.9	36.0	8.2	350.1	309.9	99.9	99.9	40.9	85.
38.6	109.7	12363.1	175.0	-54.7	-49.9	257.4	34.2	33.4	7.5	359.7	309.9	99.9	99.9	46.4	83.
41.8	116.0	13165.2	150.0	-55.3	-49.9	254.3	37.1	35.8	10.0	374.8	309.9	99.9	99.9	53.5	83.
45.3	123.7	14005.6	125.0	-55.4	-49.9	262.1	37.3	36.9	5.1	394.7	309.9	99.9	99.9	61.8	82.
49.7	132.0	15933.0	100.0	-56.7	-49.9	264.1	25.6	25.5	2.6	418.3	309.9	99.9	99.9	69.8	82.
55.2	141.3	17744.3	75.0	-60.4	-49.9	277.9	20.5	20.3	-2.6	446.4	309.9	99.9	99.9	76.8	83.
63.2	152.0	20235.5	50.0	-64.2	-49.9	281.3	20.0	19.8	3.0	492.2	309.9	99.9	99.9	86.4	83.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
000 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	1095.0	897.0	-12.2	-13.0	350.0	4.1	0.7	-4.0	269.4	273.2	1.5	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	16.7	1285.5	875.0	-12.2	-13.0	356.4	11.7	0.7	-11.7	271.3	275.5	1.6	93.9	0.3	170.
1.4	19.1	1506.6	850.0	-13.3	-14.0	353.5	12.1	-0.0	-12.3	272.3	276.2	1.4	88.9	0.9	176.
2.2	21.3	1734.7	825.0	-12.4	-14.4	353.5	12.1	1.4	-12.0	275.7	279.8	1.5	84.5	1.4	176.
3.0	23.8	1969.5	800.0	-13.2	-14.9	349.2	13.1	2.5	-12.9	277.2	281.3	1.5	87.1	2.0	175.
3.8	26.1	2211.6	775.0	-12.6	-16.0	341.9	16.4	5.1	-15.6	280.4	284.5	1.4	79.7	2.7	173.
4.7	28.7	2462.8	750.0	-11.4	-16.1	328.8	17.6	9.1	-15.0	284.4	288.5	1.5	68.1	3.6	169.
5.5	31.2	2723.1	725.0	-11.5	-15.5	319.3	21.0	14.1	-16.4	287.1	291.6	1.6	72.2	4.4	164.
6.4	34.0	2991.8	700.0	-12.8	-16.0	316.9	22.5	15.4	-16.5	288.4	292.9	1.6	77.2	5.6	157.
7.2	36.3	3268.9	675.0	-13.7	-17.7	321.1	18.7	11.7	-14.5	290.4	294.5	1.4	72.0	6.6	155.
8.3	39.3	3555.0	650.0	-15.6	-21.9	322.3	17.1	10.5	-13.5	291.4	294.4	1.0	58.2	7.6	153.
9.4	41.8	3850.1	625.0	-17.1	-25.0	319.1	16.7	10.9	-12.6	293.0	295.4	0.8	49.6	8.7	152.
10.5	44.7	4155.0	600.0	-19.5	-27.9	316.1	17.2	11.9	-12.4	293.6	295.6	0.6	47.1	9.7	150.
11.5	47.7	4469.9	575.0	-21.9	-33.5	313.1	18.4	13.4	-12.6	294.3	295.6	0.4	33.8	10.8	148.
12.7	50.6	4795.6	550.0	-24.3	-35.5	309.8	15.5	11.9	-9.9	295.3	296.4	0.3	34.3	12.0	147.
14.0	53.5	5133.6	525.0	-26.1	-40.2	301.7	17.1	14.5	-9.0	297.1	297.6	0.2	24.9	13.1	145.
15.0	56.4	5485.1	500.0	-27.8	-43.5	297.8	23.8	21.1	-11.1	299.1	299.6	0.2	20.6	14.2	143.
16.3	59.7	5852.9	475.0	-28.1	-45.7	297.1	37.4	33.3	-17.0	303.1	303.6	0.1	16.5	16.2	139.
17.5	63.1	6241.6	450.0	-27.6	-47.0	297.8	53.7	47.5	-25.0	308.5	309.0	0.1	17.0	19.6	136.
19.0	66.3	6652.4	425.0	-28.4	-41.5	292.8	60.4	55.7	-23.4	312.6	313.4	0.2	26.9	24.5	132.
20.6	69.9	7084.7	400.0	-31.3	-40.8	288.0	66.3	63.1	-20.5	314.3	315.2	0.3	38.1	30.2	127.
22.0	73.4	7538.5	375.0	-35.2	-43.4	288.0	67.6	64.3	-20.9	314.9	315.7	0.2	42.6	35.6	124.
23.5	77.2	8014.7	350.0	-39.4	99.9	287.1	62.6	59.9	-18.4	315.6	315.9	99.9	99.9	40.9	122.
25.1	81.0	8517.1	325.0	-43.9	99.9	290.5	60.3	56.5	-21.1	316.2	316.9	99.9	99.9	47.2	120.
27.1	85.3	9049.3	300.0	-48.8	99.9	292.7	62.8	57.2	-23.9	316.6	316.9	99.9	99.9	55.0	119.
29.5	89.5	9616.7	275.0	-51.6	99.9	290.7	69.2	64.7	-24.5	320.6	320.9	99.9	99.9	64.2	118.
32.0	94.2	10231.6	250.0	-54.7	99.9	288.7	80.6	74.4	-31.0	324.7	324.9	99.9	99.9	73.5	117.
34.3	99.0	10903.1	225.0	-54.8	99.9	288.7	45.5	43.5	-14.7	334.5	334.5	99.9	99.9	83.7	116.
37.0	104.0	11656.3	200.0	-55.5	99.9	293.2	34.2	31.5	-13.5	344.9	344.9	99.9	99.9	88.5	116.
39.9	109.6	12506.0	175.0	-56.4	99.9	294.0	60.5	55.3	-24.6	356.8	356.8	99.9	99.9	96.8	116.
43.5	115.6	13483.7	150.0	-56.7	99.9	295.3	124.3	111.8	-54.2	372.4	372.4	99.9	99.9	116.7	115.
47.8	123.3	14638.3	125.0	-58.2	99.9	298.9	51.8	45.4	-25.1	389.6	389.6	99.9	99.9	132.1	115.
52.7	130.3	16042.1	100.0	-60.0	99.9	131.2	39.3	-26.7	-28.0	411.8	411.8	99.9	99.9	121.8	114.
58.2	138.0	17821.4	75.0	-64.5	99.9	277.3	41.7	41.4	-5.3	437.6	437.6	99.9	99.9	128.8	113.
64.4	148.5	20312.9	50.0	-67.7	99.9	291.8	10.9	10.0	-4.0	495.8	495.8	99.9	99.9	143.3	113.
80.0	155.5	24014.1	25.0	-61.8	99.9	167.2	7.3	-1.6	7.1	607.1	607.1	99.9	99.9	160.1	111.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	4.0	1007.0	3.3	2.7	999.9	99.9	99.9	99.9	276.5	288.2	4.6	96.0	999.9	999.9
0.2	5.8	60.8	1000.0	3.5	2.9	999.9	99.9	99.9	99.9	277.2	289.2	4.7	96.3	999.9	999.9
1.0	8.0	266.2	975.0	2.0	2.0	999.9	99.9	99.9	99.9	278.7	291.0	4.8	101.0	999.9	999.9
1.8	10.3	476.6	950.0	2.0	2.0	999.9	99.9	99.9	99.9	279.8	291.7	4.7	100.8	999.9	999.9
2.5	12.4	691.7	925.0	0.8	0.8	999.9	99.9	99.9	99.9	280.7	292.1	4.4	100.7	999.9	999.9
3.3	14.8	913.4	900.0	4.7	2.4	999.9	99.9	99.9	99.9	287.0	300.4	5.1	85.5	999.9	999.9
4.2	17.0	1143.6	875.0	5.2	-0.1	999.9	99.9	99.9	99.9	289.8	301.5	4.3	68.2	999.9	999.9
5.1	19.5	1380.5	850.0	4.8	-4.1	999.9	99.9	99.9	99.9	291.6	300.8	3.3	52.6	999.9	999.9
6.0	21.9	1623.9	825.0	4.4	-2.9	999.9	99.9	99.9	99.9	293.7	304.2	3.8	59.3	999.9	999.9
7.0	24.4	1874.1	800.0	3.5	-8.6	999.9	99.9	99.9	99.9	295.2	302.4	2.5	41.2	999.9	999.9
7.9	26.9	2131.1	775.0	2.7	-48.2	999.9	99.9	99.9	99.9	296.8	297.0	0.1	1.0	999.9	999.9
8.8	29.6	2395.8	750.0	1.9	-48.6	999.9	99.9	99.9	99.9	298.6	298.8	0.1	1.0	999.9	999.9
9.9	32.3	2668.1	725.0	0.2	-49.9	999.9	99.9	99.9	99.9	299.6	299.8	0.1	1.0	999.9	999.9
10.9	35.1	2948.0	700.0	-1.9	-51.1	999.9	99.9	99.9	99.9	300.4	300.6	0.0	1.0	999.9	999.9
12.0	37.8	3235.9	675.0	-3.4	-52.1	999.9	99.9	99.9	99.9	301.9	302.0	0.0	1.0	999.9	999.9
13.2	40.6	3534.0	650.0	-4.2	-52.6	999.9	99.9	99.9	99.9	304.2	304.4	0.0	1.0	999.9	999.9
14.3	43.6	3841.6	625.0	-6.6	-54.1	999.9	99.9	99.9	99.9	304.9	305.9	0.0	1.0	999.9	999.9
15.3	46.6	4159.0	600.0	-8.9	-55.4	999.9	99.9	99.9	99.9	305.8	307.2	0.0	1.0	999.9	999.9
16.5	49.9	4486.6	575.0	-10.8	-56.8	999.9	99.9	99.9	99.9	310.0	310.8	0.2	7.8	999.9	999.9
17.8	52.9	4827.7	550.0	-11.8	-40.4	999.9	99.9	99.9	99.9	311.5	312.5	0.3	12.8	999.9	999.9
19.0	56.0	5181.8	525.0	-14.7	-37.0	999.9	99.9	99.9	99.9	312.7	313.6	0.3	13.6	999.9	999.9
20.3	59.6	5549.3	500.0	-17.6	-38.8	999.9	99.9	99.9	99.9	313.3	314.0	0.2	17.5	999.9	999.9
21.8	63.1	5931.1	475.0	-20.4	-39.7	999.9	99.9	99.9	99.9	314.1	314.8	0.2	21.0	999.9	999.9
23.1	66.6	6328.9	450.0	-23.8	-41.6	999.9	99.9	99.9	99.9	315.1	315.7	0.2	23.4	999.9	999.9
24.7	70.4	6743.9	425.0	-27.2	-42.8	999.9	99.9	99.9	99.9	316.0	316.5	0.1	22.9	999.9	999.9
26.2	74.2	7177.5	400.0	-30.7	-44.8	999.9	99.9	99.9	99.9	317.5	317.8	0.1	18.5	999.9	999.9
27.8	78.3	7632.5	375.0	-34.4	-48.2	999.9	99.9	99.9	99.9	318.8	319.9	99.9	999.9	999.9	999.9
29.3	82.4	8111.5	350.0	-37.9	-53.1	999.9	99.9	99.9	99.9	324.2	324.2	99.9	999.9	999.9	999.9
31.0	86.7	8617.6	325.0	-42.0	99.9	999.9	99.9	99.9	99.9	327.6	327.6	99.9	999.9	999.9	999.9
32.9	91.5	9155.0	300.0	-45.9	99.9	999.9	99.9	99.9	99.9	330.0	330.0	99.9	999.9	999.9	999.9
35.0	96.4	9729.2	275.0	-49.1	99.9	999.9	99.9	99.9	99.9	335.4	335.4	99.9	999.9	999.9	999.9
37.0	101.5	10348.6	250.0	-52.8	99.9	999.9	99.9	99.9	99.9	336.9	336.9	99.9	999.9	999.9	999.9
39.3	107.3	11020.7	225.0	-57.8	99.9	999.9	99.9	99.9	99.9	337.3	337.3	99.9	999.9	999.9	999.9
41.8	113.3	11771.4	200.0	-55.2	99.9	999.9	99.9	99.9	99.9	338.4	338.4	99.9	999.9	999.9	999.9
44.7	119.7	12622.5	175.0	-56.4	99.9	999.9	99.9	99.9	99.9	339.9	339.9	99.9	999.9	999.9	999.9
47.8	126.7	13592.0	150.0	-59.7	99.9	999.9	99.9	99.9	99.9	342.4	342.4	99.9	999.9	999.9	999.9
51.3	134.3	14727.4	125.0	-62.2	99.9	999.9	99.9	99.9	99.9	343.1	343.1	99.9	999.9	999.9	999.9
55.7	142.0	16102.2	100.0	-64.5	99.9	999.9	99.9	99.9	99.9	344.4	344.4	99.9	999.9	999.9	999.9
61.1	150.3	17858.4	75.0	-66.1	99.9	999.9	99.9	99.9	99.9	348.5	348.5	99.9	999.9	999.9	999.9
68.6	159.0	20325.2	50.0	-65.3	99.9	999.9	99.9	99.9	99.9	350.6	350.6	99.9	999.9	999.9	999.9
81.3	168.3	25561.7	25.0	-63.5	99.9	999.9	99.9	99.9	99.9	352.6	352.6	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS

STATION NO. 405  
STERLING, VA6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.0	85.0	996.2	0.4	-0.9	180.0	2.1	0.0	2.1	274.3	283.5	3.6	91.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.9	257.8	975.0	0.2	0.2	222.2	4.0	4.0	4.4	275.9	286.0	4.0	103.4	0.2	29.
1.3	11.0	465.9	950.0	-0.4	-0.4	242.7	6.7	6.0	3.1	277.2	287.3	3.9	103.6	0.5	40.
2.1	13.4	680.0	925.0	0.4	0.4	280.4	10.8	10.6	-1.9	280.2	291.3	4.3	103.7	0.8	59.
2.8	15.6	901.1	900.0	1.9	1.1	281.5	14.9	14.4	-3.7	284.0	296.1	4.6	94.2	1.3	79.
3.7	17.9	1128.1	875.0	0.9	-0.1	281.5	17.7	17.4	-3.5	285.2	297.7	4.3	93.1	2.0	89.
4.3	20.3	1360.9	850.0	-0.1	-2.5	278.8	19.3	19.1	-2.9	286.5	296.6	3.8	84.3	2.8	92.
5.2	22.6	1600.3	825.0	0.1	-3.7	275.8	21.3	21.2	-2.2	289.1	298.7	3.5	75.9	3.8	93.
5.9	25.0	1847.6	800.0	-0.3	-5.8	273.6	22.9	22.8	-1.4	291.2	299.8	3.1	66.2	4.8	94.
6.8	27.3	2100.6	775.0	-1.0	-7.4	269.0	21.2	21.2	0.4	292.3	300.2	2.8	65.1	5.9	93.
7.7	29.9	2361.3	750.0	-2.7	-8.4	262.0	20.3	20.3	2.9	293.9	301.6	2.7	65.1	7.0	92.
8.5	32.6	2629.3	725.0	-4.7	-10.0	256.5	20.6	20.0	4.8	294.6	301.7	2.5	66.4	8.0	90.
9.4	35.2	2909.6	700.0	-6.9	-10.6	251.0	21.9	20.7	7.1	295.1	302.1	2.4	75.0	9.1	88.
10.2	37.7	3187.7	675.0	-8.4	-10.8	245.3	23.1	21.0	9.6	296.4	301.7	1.8	59.6	10.1	86.
11.2	40.5	3479.8	650.0	-9.9	-12.3	243.3	24.2	21.6	10.9	297.8	300.4	0.8	29.8	11.4	83.
12.2	43.1	3780.8	625.0	-12.2	-11.1	243.5	25.9	23.5	10.7	298.5	300.0	0.4	18.8	12.9	81.
13.2	46.0	4091.5	600.0	-14.8	-10.7	245.3	26.9	24.5	11.2	299.0	299.4	0.1	9.7	14.4	79.
14.3	49.0	4412.9	575.0	-17.7	-10.4	246.0	27.4	25.0	11.1	301.5	301.9	0.1	5.1	16.1	78.
15.5	51.8	4742.2	550.0	-17.5	-10.2	255.3	29.0	28.0	7.3	303.3	303.4	0.0	2.4	18.1	77.
16.8	54.9	5094.2	525.0	-19.4	-10.6	261.0	37.7	37.3	5.9	305.1	305.3	0.0	2.6	20.7	77.
18.1	57.8	5455.8	500.0	-21.0	-10.4	259.3	44.1	43.4	8.2	307.4	307.5	0.0	2.8	23.9	78.
19.4	61.1	5833.2	475.0	-22.5	-10.2	256.5	52.0	50.5	12.1	310.1	310.3	0.1	4.8	27.6	78.
20.7	64.6	6229.1	450.0	-24.5	-10.0	252.4	53.2	50.7	16.1	312.4	312.8	0.1	8.1	31.9	77.
22.0	67.8	6643.0	425.0	-27.5	-10.6	250.0	54.39	51.0	18.6	313.7	314.0	0.1	11.3	35.9	77.
23.6	71.1	7075.8	400.0	-31.4	-10.2	246.9	52.86	48.5	20.7	314.1	314.5	0.1	15.3	41.0	76.
25.1	74.8	7528.8	375.0	-35.6	-10.4	248.2	57.86	53.7	21.5	314.4	314.7	0.1	20.1	46.1	75.
26.7	78.8	8004.5	350.0	-39.9	-10.9	246.3	58.18	53.2	23.4	314.9	314.9	99.9	99.9	51.2	74.
28.4	82.7	8508.3	325.0	-44.0	-10.9	245.0	59.99	54.3	25.3	316.1	316.1	99.9	99.9	57.3	73.
30.1	86.7	9038.0	300.0	-49.1	-10.9	243.7	60.18	54.8	27.5	316.1	316.1	99.9	99.9	64.3	72.
32.3	91.2	9606.8	275.0	-51.1	-10.9	243.7	62.19	55.7	28.5	321.3	321.3	99.9	99.9	73.4	72.
34.4	95.7	10219.4	250.0	-53.9	-10.9	241.8	76.24	67.2	36.0	326.0	326.0	99.9	99.9	81.2	71.
36.9	100.6	10894.0	225.0	-54.8	-10.9	242.8	49.88	44.2	22.6	334.6	334.6	99.9	99.9	88.8	70.
39.3	106.0	11648.4	200.0	-53.4	-10.9	250.5	67.36	63.4	22.4	348.2	348.2	99.9	99.9	97.8	69.
42.3	111.5	12500.4	175.0	-50.2	-10.9	243.3	45.366	40.5	20.4	357.1	357.1	99.9	99.9	109.8	69.
45.6	117.8	13474.4	150.0	-58.7	-10.9	243.6	42.588	38.7	17.5	368.9	368.9	99.9	99.9	119.6	69.
48.8	125.0	14608.5	125.0	-62.1	-10.9	249.0	47.088	43.9	16.8	382.5	382.5	99.9	99.9	128.6	69.
54.4	132.3	15983.4	100.0	-62.6	-10.9	250.6	48.688	45.8	16.2	406.8	406.8	99.9	99.9	142.0	69.
60.7	140.3	17739.3	75.0	-63.2	-10.9	241.7	25.688	22.5	12.1	440.4	440.4	99.9	99.9	154.6	69.
68.6	148.3	20207.3	50.0	-67.6	-10.9	285.8	13.088	12.5	-3.5	484.3	484.3	99.9	99.9	168.3	70.
81.2	157.0	24420.7	25.0	-65.8	-10.9	261.3	30.68	30.3	4.6	595.6	595.6	99.9	99.9	187.0	71.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
528 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/SEC	RM PCT	RANGE KM	AZ DG
0-0	7-5	240-0	978-0	7-2	6-1	240-0	5-7	4-9	2-9	282-9	298-5	4-1	93-0	0-0	0-
0-1	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	283-1	299-7	99-9	999-9	999-9	999-9
0-2	7-9	271-3	975-0	7-2	5-1	999-9	99-9	99-9	99-9	283-1	297-7	5-7	99-9	999-9	999-9
0-3	10-2	485-8	950-0	5-4	4-1	999-9	99-9	99-9	99-9	283-4	297-4	5-4	91-3	999-9	999-9
1-5	12-3	702-6	925-0	3-9	3-2	999-9	99-9	99-9	99-9	284-0	297-6	5-2	94-8	999-9	999-9
2-1	14-6	925-1	900-0	2-4	1-7	260-8	16-6	16-4	2-6	284-6	297-3	4-8	95-0	1-5	80-
2-7	16-8	1152-5	875-0	0-9	0-0	259-7	17-1	16-8	3-0	285-2	296-8	4-4	94-1	2-1	80-
3-5	19-3	1385-4	850-0	-0-2	-1-6	260-8	17-5	17-3	2-8	286-5	297-2	4-0	90-1	2-9	80-
4-2	21-6	1620-0	825-0	-1-6	-2-5	257-1	16-9	16-5	3-8	287-4	297-8	3-9	93-5	3-6	80-
4-9	24-2	1868-5	800-0	-3-1	-3-9	255-4	18-5	17-9	4-7	288-3	298-1	3-6	93-8	4-4	79-
5-6	26-4	2119-8	775-0	-4-0	-4-5	256-7	19-5	19-0	4-5	289-9	299-0	3-3	89-5	5-2	79-
6-4	29-2	2377-9	750-0	-6-2	-7-2	257-0	19-0	18-5	4-3	290-2	298-5	3-0	92-7	6-0	78-
7-2	31-9	2642-6	725-0	-7-6	-8-3	255-0	19-7	19-0	5-1	291-5	299-4	2-8	94-4	6-9	78-
7-9	34-7	2915-0	700-0	-9-7	-10-9	253-6	20-3	19-5	5-7	292-0	298-7	2-4	90-9	7-9	78-
8-8	37-2	3192-5	675-0	-12-2	-14-8	252-7	20-3	19-4	7-2	292-2	297-4	1-8	80-4	8-9	77-
9-6	40-1	3482-2	650-0	-14-0	-16-4	248-7	19-9	18-6	6-1	292-3	298-1	1-6	81-7	10-0	77-
10-6	42-9	3779-3	625-0	-15-8	-18-6	248-5	21-7	20-2	7-9	294-5	297-8	1-1	81-3	11-0	76-
11-5	45-9	4085-3	600-0	-18-6	-21-3	252-3	21-4	21-7	6-9	294-6	298-0	0-5	31-0	12-3	75-
12-5	49-0	4400-9	575-0	-21-3	-24-7	255-0	22-1	21-2	5-7	295-1	296-2	0-3	28-5	13-7	75-
13-4	52-0	4721-5	550-0	-23-3	-26-1	254-1	25-0	24-0	6-9	296-4	297-1	0-2	17-5	14-9	75-
14-3	55-2	5065-2	525-0	-25-8	-28-0	253-2	27-0	25-9	7-8	297-3	298-4	0-3	37-8	16-3	75-
15-3	58-5	5417-4	500-0	-28-6	-30-0	252-6	29-6	28-2	8-8	298-2	298-9	0-2	32-7	18-0	75-
16-3	62-0	5789-3	475-0	-29-3	-32-3	253-1	34-2	32-6	9-9	301-7	301-8	0-0	3-9	20-0	74-
17-3	65-5	6169-1	450-0	-31-2	-34-0	252-8	48-0	45-8	14-2	304-0	304-0	0-0	1-3	22-3	74-
18-4	69-1	6572-5	425-0	-32-9	-35-7	249-7	58-6	55-0	20-3	306-8	306-8	0-0	1-0	26-0	74-
19-6	72-8	6997-8	400-0	-34-0	-36-1	246-0	65-6	60-0	26-7	310-7	310-7	0-0	1-4	30-5	73-
21-0	76-8	7447-2	375-0	-37-2	-40-1	242-7	63-7	56-6	29-2	312-3	312-4	0-0	7-1	35-9	72-
22-4	80-9	7920-4	350-0	-40-9	-43-9	242-2	66-28	58-5	30-9	313-5	313-5	99-9	999-9	41-3	71-
23-8	85-3	8420-2	325-0	-45-0	-48-7	242-7	69-79	61-9	31-9	314-7	314-7	99-9	999-9	46-9	70-
25-4	89-6	8950-2	300-0	-48-7	-51-6	241-4	68-18	59-8	32-6	316-7	316-7	99-9	999-9	53-4	69-
27-1	94-8	9518-5	275-0	-50-4	-53-0	241-3	64-18	56-4	30-4	322-3	322-3	99-9	999-9	60-3	68-
28-7	99-8	10130-1	250-0	-52-0	-55-2	239-8	64-39	55-5	32-4	328-8	328-8	99-9	999-9	66-5	67-
30-5	105-0	10820-8	225-0	-50-3	-53-0	238-2	59-08	50-2	31-1	341-5	341-5	99-9	999-9	73-0	66-
32-9	110-8	11580-6	200-0	-51-6	-54-7	245-7	65-08	60-0	26-9	351-1	351-1	99-9	999-9	82-6	66-
35-4	117-0	12453-0	175-0	-51-6	-54-7	246-7	59-08	54-7	23-5	364-7	364-7	99-9	999-9	91-1	66-
38-2	124-0	13443-1	150-0	-55-2	-58-7	240-8	50-38	43-9	24-5	375-0	375-0	99-9	999-9	98-7	66-
41-9	131-3	14598-1	125-0	-59-9	-62-1	240-5	39-98	34-7	19-6	388-7	388-7	99-9	999-9	109-0	65-
44-6	139-3	15995-4	100-0	-59-9	-62-1	245-4	27-10	24-7	11-3	412-1	412-1	99-9	999-9	118-8	65-
52-7	147-7	17779-1	75-0	-62-1	-65-0	249-2	31-08	29-5	11-2	442-9	442-9	99-9	999-9	129-8	63-
59-9	99-9	99-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 479  
DAYTON, OHIO

6 FEBRUARY 1975  
515 GMT

TIME MIN	CHTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	RZ RTO GM/KG	RN PCT	RANGE KM	AZ DG
0.0	7.0	298.0	972.3	1.0	0.4	270.0	4.1	4.1	0.0	277.5	287.9	4.1	92.0	0.0	0.
0.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.7	9.0	484.7	950.0	0.2	0.2	268.6	6.2	4.2	0.1	277.9	288.4	4.1	100.3	0.4	83.
1.5	11.7	698.1	925.0	-1.4	-1.4	274.9	11.0	10.9	-0.9	278.3	288.0	3.7	100.0	0.8	89.
2.4	14.0	916.2	900.0	-2.5	-2.5	267.2	11.4	11.4	0.6	279.4	288.6	3.5	99.9	1.3	90.
3.1	16.0	1139.7	875.0	-3.1	-3.1	267.0	12.9	12.9	0.9	281.0	290.1	3.5	99.8	1.9	87.
3.9	18.3	1369.3	850.0	-3.5	-3.5	265.9	11.0	11.0	0.8	283.0	292.2	3.5	99.7	2.5	88.
4.0	20.5	1605.6	825.0	-3.8	-3.8	261.1	12.4	12.3	1.9	285.0	294.4	3.5	99.7	3.1	88.
5.0	22.7	1840.4	800.0	-4.0	-4.0	253.0	12.4	11.9	3.6	286.4	295.4	3.3	99.6	3.7	86.
6.0	25.1	2097.8	775.0	-5.9	-6.0	257.1	14.8	14.4	3.3	287.9	296.5	3.2	99.4	4.3	84.
7.3	27.4	2354.6	750.0	-7.1	-7.2	256.6	15.1	14.7	3.5	289.3	297.5	3.0	99.2	5.1	83.
8.1	29.9	2618.3	725.0	-8.9	-9.0	258.1	15.0	14.6	3.1	290.1	297.5	2.7	99.0	5.8	82.
8.9	32.4	2889.7	700.0	-10.4	-10.4	257.1	14.5	14.2	3.2	291.2	298.1	2.4	98.8	6.6	82.
9.8	35.1	3164.0	675.0	-12.3	-12.6	254.6	14.9	14.6	4.0	292.1	298.2	2.1	97.3	7.4	81.
10.1	37.6	3456.9	650.0	-14.0	-14.4	253.2	15.6	15.1	4.0	293.4	298.9	1.9	96.3	8.2	80.
11.0	40.3	3753.9	625.0	-15.9	-16.6	253.9	15.1	14.7	3.2	294.4	299.3	1.7	95.0	9.2	80.
12.0	43.0	4060.3	600.0	-18.2	-19.2	253.9	15.1	14.6	4.2	295.2	299.3	1.4	92.0	10.1	80.
13.9	45.9	4377.0	575.0	-20.5	-21.7	251.3	15.2	14.6	4.9	296.1	299.5	1.2	89.9	11.0	79.
15.0	49.0	4704.3	550.0	-23.3	-24.6	255.5	16.7	16.1	4.2	296.5	299.4	0.9	88.8	12.1	78.
16.1	51.9	5063.2	525.0	-25.7	-27.6	260.4	15.4	15.2	2.6	297.5	299.9	0.7	84.3	13.3	78.
17.3	55.1	5394.5	500.0	-29.0	-32.2	259.8	13.1	12.9	2.3	297.7	299.3	0.5	73.5	14.3	79.
18.6	58.3	5759.2	475.0	-32.0	-34.6	257.9	13.2	12.9	2.0	298.4	299.7	0.4	77.2	15.2	79.
19.7	61.6	6138.6	450.0	-35.4	-38.1	256.1	12.8	12.4	3.1	298.8	299.8	0.3	75.4	16.1	78.
21.1	65.1	6533.4	425.0	-39.1	-42.9	256.5	11.5	11.2	2.7	299.5	299.9	0.9	99.9	17.1	78.
22.5	68.7	6943.5	400.0	-43.0	-46.4	256.7	12.0	11.7	2.7	299.1	299.9	0.9	99.9	18.2	78.
24.2	72.3	7377.1	375.0	-46.4	-49.9	246.5	13.7	12.6	5.5	300.1	299.9	0.9	99.9	19.2	78.
25.9	76.3	7832.8	350.0	-48.3	-51.9	243.8	24.7	22.2	10.7	303.6	299.9	0.9	99.9	21.1	77.
27.7	80.4	8320.1	325.0	-49.2	-52.9	242.3	32.4	28.7	15.1	308.9	299.9	0.9	99.9	24.2	75.
29.7	84.7	8843.6	300.0	-50.3	-53.9	243.6	38.3	34.3	17.0	314.5	299.9	0.9	99.9	28.5	73.
32.0	89.2	9410.7	275.0	-50.7	-54.9	242.3	40.8	36.1	18.9	321.7	299.9	0.9	99.9	33.7	71.
34.4	94.2	10031.6	250.0	-51.2	-54.9	239.5	40.1	34.6	20.4	329.9	299.9	0.9	99.9	39.5	70.
37.1	99.4	10715.3	225.0	-52.0	-54.9	239.5	41.7	35.9	21.2	338.9	299.9	0.9	99.9	46.2	69.
40.3	104.6	11478.3	200.0	-52.2	-54.9	238.5	47.7	40.7	24.9	350.1	299.9	0.9	99.9	54.4	67.
43.5	110.8	12339.6	175.0	-53.2	-54.9	243.7	51.3	46.0	22.7	361.1	299.9	0.9	99.9	64.0	66.
47.3	117.3	13331.6	150.0	-53.9	-54.9	245.3	46.0	41.6	19.2	371.3	299.9	0.9	99.9	73.4	66.
52.1	125.0	14497.1	125.0	-56.3	-56.3	239.0	35.1	30.1	18.1	393.0	299.9	0.9	99.9	83.4	65.
57.4	137.7	15908.2	100.0	-58.5	-58.5	243.8	37.9	34.0	16.0	414.8	299.9	0.9	99.9	94.6	65.
64.2	148.7	17699.6	75.0	-61.6	-61.6	245.1	26.9	26.2	12.2	444.1	299.9	0.9	99.9	104.3	65.
73.6	159.0	20192.0	50.0	-64.2	-64.2	258.1	20.0	27.6	5.8	492.2	299.9	0.9	99.9	120.7	64.
80.8	150.6	24018.4	25.0	-64.2	-64.2	266.8	31.3	31.2	1.8	600.1	299.9	0.9	99.9	143.1	63.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL6 FEBRUARY 1975  
000 GMT

TIME MUT	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	0.2	175.0	993.4	-3.7	-7.5	290.0	7.7	7.2	-2.6	270.2	275.9	2.2	75.0	0.0	0.
00.0	00.0	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	7.0	323.3	975.0	-3.3	-4.0	299.0	9.7	8.4	-4.0	272.2	279.2	2.7	89.3	0.3	120.
1.3	10.2	527.9	950.0	-5.9	-6.5	303.9	10.2	8.5	-5.7	271.5	277.9	2.5	95.7	0.7	121.
2.0	12.4	736.6	925.0	-6.7	-6.7	313.9	9.6	6.9	-6.6	272.7	279.2	2.5	100.1	1.1	124.
2.8	10.0	951.2	900.0	-5.5	-5.5	314.4	11.5	8.2	-8.0	276.2	283.5	2.0	100.3	1.6	120.
3.7	17.0	1172.3	875.0	-6.0	-6.0	311.0	10.2	7.7	-6.7	277.9	285.3	2.0	100.3	2.2	129.
4.6	10.5	1390.5	850.0	-6.3	-6.3	302.6	9.0	8.2	-5.3	279.9	287.4	2.0	100.2	2.7	129.
5.4	21.9	1633.3	825.0	-6.2	-6.3	288.0	10.2	9.6	-3.3	282.4	290.1	2.0	90.5	3.3	127.
6.4	25.3	1874.0	800.0	-6.9	-7.4	286.6	9.9	9.5	-2.0	284.1	291.5	2.7	90.8	3.0	124.
7.3	25.0	2121.7	775.0	-7.4	-7.9	288.0	11.3	10.7	-3.5	286.2	293.7	2.7	90.0	4.3	122.
8.3	25.3	2377.2	750.0	-7.9	-8.3	283.1	10.0	10.5	-2.4	288.4	295.9	2.7	90.5	4.9	120.
9.2	32.0	2600.4	725.0	-9.3	-9.9	271.0	11.6	11.6	-0.4	289.5	296.5	2.5	95.5	5.5	118.
10.1	30.8	2911.3	700.0	-10.0	-11.2	262.0	13.5	13.4	1.7	290.0	297.3	2.3	97.0	6.1	114.
11.1	37.3	3190.0	675.0	-12.9	-13.0	260.3	14.2	14.0	2.4	291.4	297.3	2.3	90.5	6.0	110.
12.2	40.2	3476.9	650.0	-14.0	-14.9	261.5	12.7	12.5	1.9	292.5	297.0	1.9	99.2	7.6	107.
13.3	43.0	3773.4	625.0	-16.2	-16.4	258.4	10.2	9.9	2.0	294.1	299.0	1.7	90.9	8.3	105.
14.4	45.9	4080.1	600.0	-17.7	-21.9	255.4	11.1	10.7	2.4	295.0	299.1	1.1	90.6	8.0	103.
15.5	49.0	4397.6	575.0	-19.5	-29.0	263.7	15.0	14.9	1.7	297.2	299.1	0.6	42.5	9.7	100.
16.6	51.7	4726.8	550.0	-21.0	-28.0	264.7	13.0	13.5	1.3	298.3	300.3	0.7	50.1	10.7	99.
17.8	55.0	5067.6	525.0	-24.2	-30.4	264.3	13.2	13.1	1.3	299.4	301.2	0.6	55.9	11.5	98.
18.9	59.1	5421.3	500.0	-27.2	-32.3	260.1	14.7	14.7	0.5	299.0	301.4	0.5	61.7	12.5	97.
20.2	61.0	5788.4	475.0	-30.5	-36.0	265.5	14.5	14.4	1.1	300.2	301.4	0.4	50.3	13.6	96.
21.4	60.0	6170.3	450.0	-33.3	-39.1	264.1	12.6	12.5	1.3	301.3	302.2	0.3	50.0	14.5	95.
22.7	60.4	6509.1	425.0	-36.6	-42.0	264.5	13.4	13.4	1.1	302.2	302.9	0.2	50.6	15.5	95.
24.0	72.0	6865.5	400.0	-40.9	-49.9	264.5	11.4	11.3	1.1	301.0	304.9	0.9	50.9	16.5	94.
25.3	75.0	7221.9	375.0	-44.0	-59.9	272.6	11.4	11.4	-0.5	303.3	309.9	0.9	50.9	17.4	94.
26.6	79.0	7600.8	350.0	-47.9	-69.9	272.0	8.3	8.3	-0.3	304.1	309.9	0.9	50.9	18.2	94.
28.0	83.0	8367.2	325.0	-49.9	-69.9	257.6	18.3	17.0	3.9	308.0	309.9	0.9	50.9	19.3	93.
29.6	86.0	8890.0	300.0	-50.3	-69.9	255.3	26.5	25.6	6.7	314.4	309.9	0.9	50.9	21.2	92.
31.2	92.7	9437.3	275.0	-50.5	-69.9	251.2	31.9	30.2	10.3	322.0	309.9	0.9	50.9	23.7	92.
33.1	97.4	10074.5	250.0	-50.3	-69.9	254.2	36.1	34.7	9.8	331.2	309.9	0.9	50.9	27.4	91.
34.8	102.3	10766.6	225.0	-50.6	-69.9	251.3	36.9	35.0	11.8	340.9	309.9	0.9	50.9	31.1	91.
36.0	109.0	11532.0	200.0	-51.1	-69.9	241.6	25.4	22.3	12.1	351.9	309.9	0.9	50.9	35.4	91.
39.3	114.0	12349.6	175.0	-51.9	-69.9	246.1	39.6	36.2	10.0	364.3	309.9	0.9	50.9	40.7	91.
42.0	120.3	13395.5	150.0	-53.1	-69.9	245.5	43.5	39.6	10.1	370.7	309.9	0.9	50.9	47.3	79.
45.9	127.3	14370.4	125.0	-52.0	-69.9	250.0	41.3	38.0	14.2	399.4	309.9	0.9	50.9	57.1	77.
50.0	137.3	16004.5	100.0	-55.7	-69.9	251.0	31.9	30.3	10.0	420.2	309.9	0.9	50.9	66.0	76.
54.0	142.5	17023.2	75.0	-57.0	-69.9	248.3	25.0	24.0	9.6	451.9	309.9	0.9	50.9	75.4	70.
64.7	150.3	20349.5	50.0	-62.0	-69.9	201.5	24.9	24.0	3.7	495.5	309.9	0.9	50.9	87.3	75.
77.0	150.3	24000.3	25.0	-64.2	-69.9	276.4	20.0	27.0	-3.1	000.0	309.9	0.9	50.9	100.2	70.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

515 GMT															143	0
TIME	CNTCY	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	HA RTO	RM	RANGE	AZ	
MIN		GPH	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/KG	PCY	MM	DEG	
0-0	11.7	791.0	9 2.2	-11.7	-16.0	350.0	6.7	1.2	-6.6	266.9	270.0	1.2	70.0	0.0	0.	
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.	
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.	
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.	
0-4	12.4	850.5	925.0	-11.7	-16.9	351.6	13.7	2.0	-13.6	267.5	270.0	1.1	65.0	0.2	109.	
0-8	16.0	1059.0	900.0	-13.2	-10.1	349.8	12.6	2.2	-12.4	266.0	270.0	1.0	65.0	0.4	171.	
1-0	17.0	1271.0	875.0	-14.9	-19.4	340.0	11.2	3.0	-10.5	268.5	271.0	0.9	67.9	1.1	168.	
2-5	19.5	1492.5	850.0	-16.6	-18.6	337.6	13.7	5.2	-12.6	268.0	271.0	1.0	65.1	1.7	104.	
3-2	21.8	1716.0	825.0	-18.6	-20.0	336.9	14.1	5.5	-13.0	269.1	271.0	0.9	68.9	2.3	103.	
3-9	24.3	1946.7	800.0	-16.1	-17.7	328.3	15.3	8.1	-13.1	274.1	277.3	1.2	87.4	2.8	101.	
4-5	26.7	2106.4	775.0	-14.5	-15.7	317.1	17.5	11.9	-12.8	278.4	282.4	1.5	90.7	3.5	158.	
5-5	29.3	2336.2	750.0	-13.6	-14.5	318.9	15.2	9.8	-11.6	282.0	286.6	1.7	92.8	4.3	153.	
6-4	31.9	2591.0	725.0	-13.5	-13.6	333.0	17.0	7.5	-15.3	284.8	290.0	1.8	101.5	5.2	152.	
7-3	34.7	2961.1	700.0	-13.7	-13.7	337.3	16.6	6.4	-15.3	287.5	292.8	1.9	100.7	6.1	153.	
8-3	37.2	3317.1	675.0	-15.1	-15.2	336.2	18.1	6.5	-14.7	289.0	293.9	1.7	99.1	7.1	153.	
9-0	40.0	3521.0	650.0	-16.4	-17.6	334.9	14.6	6.2	-13.2	290.6	295.1	1.5	99.5	7.8	154.	
9-9	42.8	3815.0	625.0	-18.5	-21.7	335.9	13.0	5.3	-11.8	291.4	294.6	1.1	76.0	8.5	154.	
10-0	45.6	4119.4	600.0	-20.5	-26.5	336.7	12.4	4.9	-11.4	292.4	294.6	0.7	59.0	9.3	154.	
11-0	48.6	4433.1	575.0	-22.8	-30.2	335.0	11.3	4.0	-10.3	293.3	295.8	0.5	50.6	10.0	154.	
12.1	51.5	4757.0	550.0	-25.2	-33.9	331.2	13.1	6.3	-11.4	294.2	295.4	0.4	43.5	10.8	154.	
14-2	54.6	5093.7	525.0	-27.9	-38.7	325.0	13.4	7.7	-10.2	295.9	295.7	0.3	34.3	11.7	154.	
15-6	57.6	5442.0	500.0	-31.1	-41.5	313.3	12.0	8.7	-8.2	295.1	295.8	0.2	30.6	12.7	153.	
16-0	60.9	5803.6	475.0	-33.9	-42.9	305.7	12.0	9.8	-7.0	296.0	296.6	0.2	30.3	13.5	151.	
18-3	64.3	6179.4	450.0	-37.5	-46.4	310.3	11.2	7.5	-6.4	296.1	296.5	0.1	30.4	14.5	150.	
19-0	67.6	6571.1	425.0	-41.2	-49.9	320.7	12.2	7.7	-9.4	296.3	299.9	99.9	999.9	15.5	149.	
21-4	71.0	6979.7	400.0	-44.7	-49.9	307.3	10.7	8.5	-6.5	296.9	999.9	99.9	999.9	16.6	148.	
22-9	74.7	7407.8	375.0	-48.6	-49.9	296.1	10.9	9.8	-4.8	297.7	999.9	99.9	999.9	17.4	147.	
24-5	78.6	7857.2	350.0	-52.8	-49.9	293.0	11.4	10.5	-4.4	297.7	999.9	99.9	999.9	18.3	145.	
26-1	82.3	8311.6	325.0	-55.7	-49.9	290.7	16.6	14.3	-8.5	299.0	999.9	99.9	999.9	19.6	143.	
27-0	86.3	8844.0	300.0	-53.0	-49.9	297.5	22.1	19.6	-10.2	310.4	999.9	99.9	999.9	21.2	141.	
29-7	90.8	9404.1	275.0	-51.2	-49.9	292.9	27.8	25.6	-10.8	321.2	999.9	99.9	999.9	23.9	138.	
32-0	95.3	10030.0	250.0	-51.0	-49.9	289.5	30.6	28.0	-10.4	330.3	999.9	99.9	999.9	25.5	136.	
34-0	99.9	10718.0	225.0	-50.5	-49.9	287.3	31.0	29.2	-10.2	341.1	999.9	99.9	999.9	32.3	130.	
37-4	105.4	11462.2	200.0	-52.7	-49.9	289.3	33.2	31.4	-11.0	349.3	999.9	99.9	999.9	37.3	127.	
40-4	111.0	12339.4	175.0	-55.6	-49.9	293.2	30.7	28.2	-12.1	358.2	999.9	99.9	999.9	42.5	125.	
43-9	117.3	13319.6	150.0	-56.2	-49.9	286.4	33.0	31.7	-9.4	373.2	999.9	99.9	999.9	48.9	123.	
46-1	124.3	14071.0	125.0	-56.2	-49.9	285.8	31.8	31.3	-5.8	393.2	999.9	99.9	999.9	65.4	120.	
50-3	131.7	15001.7	100.0	-55.2	-49.9	285.8	25.2	24.3	-7.0	421.1	999.9	99.9	999.9	95.4	118.	
53.3	140.0	17724.0	75.0	-58.6	-49.9	273.8	25.8	25.7	-1.7	450.0	999.9	99.9	999.9	72.0	115.	
60-2	160.3	20247.1	50.0	-62.9	-49.9	276.4	14.2	14.1	-1.6	495.4	999.9	99.9	999.9	32.2	114.	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.	

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 456  
TOPEKA, KAN6 FEBRUARY 1975  
600 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	NH PCT	RANGE KM	AZ DG
0.0	6.5	268.0	992.2	-11.1	-13.9	330.0	6.2	3.1	-5.4	262.8	266.2	1.3	80.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.0	401.9	975.0	-12.5	-16.4	349.1	13.9	2.6	-13.7	262.7	265.5	1.1	72.9	0.2	131.
1.2	10.2	599.7	950.0	-16.4	-18.2	339.6	10.8	3.8	-10.2	262.7	265.6	1.1	86.9	0.7	155.
1.9	12.3	801.2	925.0	-16.2	-16.6	336.3	10.7	4.3	-9.8	262.7	265.8	1.1	96.6	1.1	154.
2.5	14.5	1007.3	900.0	-15.8	-15.8	351.0	12.4	1.9	-12.2	265.4	268.6	1.2	101.1	1.6	156.
3.2	16.6	1221.2	875.0	-12.5	-12.5	353.4	11.2	1.3	-11.1	270.6	274.8	1.6	101.1	2.0	161.
3.9	18.9	1442.8	850.0	-12.1	-12.1	338.2	10.4	3.9	-9.7	273.7	278.4	1.8	101.0	2.5	162.
4.6	21.1	1671.2	825.0	-12.1	-12.1	338.7	9.4	4.0	-8.5	276.0	280.9	1.8	101.0	2.9	161.
5.3	23.6	1907.7	800.0	-10.9	-10.9	338.2	6.2	2.3	-5.8	279.8	285.4	2.1	101.0	3.3	160.
6.2	25.8	2151.3	775.0	-12.2	-12.2	320.6	4.9	3.1	-3.8	281.0	286.3	1.9	100.5	3.6	160.
7.1	28.3	2403.2	750.0	-10.0	-10.0	299.9	6.7	5.8	-3.3	286.0	292.6	2.4	100.7	3.8	157.
8.0	31.0	2665.2	725.0	-10.1	-10.2	296.6	8.3	7.4	-3.7	288.7	295.5	2.4	99.6	4.1	154.
8.8	33.7	2935.3	700.0	-11.6	-13.7	298.9	9.6	8.4	-4.6	289.8	294.4	1.6	71.2	4.5	150.
9.7	36.1	3213.0	675.0	-13.7	-17.0	301.3	9.5	8.1	-5.9	290.4	295.8	1.5	76.4	5.0	147.
10.6	38.9	3498.9	650.0	-15.8	-17.2	301.5	8.6	7.3	-4.5	291.3	295.7	1.5	86.7	5.4	145.
11.5	41.6	3793.4	625.0	-18.0	-19.6	301.5	8.0	6.6	-4.4	292.0	295.8	1.3	87.1	5.8	143.
12.4	44.4	4097.6	600.0	-20.0	-22.1	307.5	7.7	6.1	-4.7	293.0	296.3	1.1	83.8	6.2	142.
13.5	47.5	4411.8	575.0	-22.4	-24.9	305.0	8.4	6.9	-5.8	293.8	296.4	0.9	80.1	6.7	141.
14.5	50.5	4736.6	550.0	-25.2	-27.9	301.7	9.5	6.1	-5.0	294.2	296.3	0.7	78.1	7.3	140.
15.6	53.6	5072.6	525.0	-28.1	-31.8	296.6	9.7	8.7	-4.4	294.7	296.3	0.5	70.3	7.8	138.
16.7	56.6	5421.0	500.0	-30.6	-35.3	281.8	9.0	8.8	-1.8	295.7	296.9	0.4	63.0	8.4	136.
18.0	60.0	5783.2	475.0	-33.5	-38.6	274.8	9.3	9.3	-0.8	296.5	297.4	0.3	59.7	8.9	133.
19.2	63.6	6169.5	450.0	-36.6	-41.5	274.1	9.5	9.5	-0.7	297.2	297.9	0.2	60.3	9.5	131.
20.5	67.0	6553.3	425.0	-40.5	-45.9	267.2	9.4	9.4	0.5	297.1	299.9	99.9	99.9	10.0	128.
21.7	70.6	6963.4	400.0	-44.1	-49.9	262.6	10.7	10.6	1.4	297.6	299.9	99.9	99.9	10.6	125.
23.1	74.4	7392.8	375.0	-48.0	-53.8	258.8	11.0	10.8	1.9	298.0	299.9	99.9	99.9	11.2	122.
24.5	78.5	7843.9	350.0	-51.8	-56.9	256.2	10.7	10.3	2.5	298.8	299.9	99.9	99.9	12.0	119.
25.8	82.7	8319.6	325.0	-55.8	-59.9	256.3	11.3	11.0	2.7	299.8	299.9	99.9	99.9	12.5	116.
27.0	87.0	8826.5	300.0	-58.2	-62.2	261.4	16.1	15.9	2.4	303.3	299.9	99.9	99.9	13.3	114.
28.3	91.8	9376.4	275.0	-56.4	-60.9	265.2	17.7	17.6	1.5	313.6	299.9	99.9	99.9	14.5	111.
29.9	96.6	9985.4	250.0	-53.7	-57.9	271.3	22.2	22.2	-0.5	326.3	299.9	99.9	99.9	16.3	109.
31.6	101.8	10665.8	225.0	-51.9	-55.9	267.1	22.3	22.2	1.1	339.0	299.9	99.9	99.9	18.5	107.
33.7	107.6	11427.8	200.0	-52.7	-56.9	274.8	26.3	26.3	-2.2	349.4	299.9	99.9	99.9	21.3	104.
34.3	113.5	12288.4	175.0	-53.7	-57.9	272.0	23.3	23.3	-0.8	361.3	299.9	99.9	99.9	25.2	103.
36.4	120.0	13275.6	150.0	-54.7	-58.9	267.4	24.2	24.2	1.1	375.9	299.9	99.9	99.9	29.5	101.
43.3	127.3	14445.0	125.0	-53.3	-56.9	269.5	23.7	23.7	0.2	398.5	299.9	99.9	99.9	35.5	99.
48.4	135.3	15879.8	100.0	-54.7	-57.9	270.3	27.5	27.5	-0.1	422.0	299.9	99.9	99.9	43.4	97.
54.6	142.5	17708.3	75.0	-58.4	-60.9	99.9	99.9	99.9	99.9	450.5	299.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y  
6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PNES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	8.0	1004.3	1.1	0.1	999.9	99.9	99.9	99.9	274.4	284.2	3.8	93.0	999.9	999.9
0.1	5.7	42.6	1000.0	0.9	-0.3	999.9	99.9	99.9	99.9	274.5	284.0	3.7	91.7	999.9	999.9
0.7	7.6	245.7	975.0	-0.6	-0.6	999.9	99.9	99.9	99.9	275.0	285.6	3.8	100.1	999.9	999.9
1.5	9.3	433.2	950.0	-1.6	-1.6	999.9	99.9	99.9	99.9	276.0	285.3	3.6	100.1	999.9	999.9
2.1	11.3	666.5	925.0	-0.0	-0.0	999.9	99.9	99.9	99.9	279.8	290.6	4.1	100.4	999.9	999.9
3.1	14.0	896.3	900.0	0.2	0.2	999.9	99.9	99.9	99.9	282.3	293.5	4.3	100.4	999.9	999.9
3.9	16.1	1112.3	875.0	0.2	0.2	999.9	99.9	99.9	99.9	284.6	296.3	4.4	100.4	999.9	999.9
4.7	18.4	1315.3	850.0	0.4	0.4	999.9	99.9	99.9	99.9	287.1	299.4	4.6	100.4	999.9	999.9
5.7	20.6	1595.1	825.0	-0.1	-0.1	999.9	99.9	99.9	99.9	289.1	301.4	4.6	100.4	999.9	999.9
6.7	22.9	1831.4	800.0	-0.7	-0.7	999.9	99.9	99.9	99.9	290.9	303.2	4.5	100.3	999.9	999.9
7.9	25.1	2045.2	775.0	-1.4	-1.4	999.9	99.9	99.9	99.9	292.9	305.1	4.5	100.2	999.9	999.9
8.9	27.6	2345.6	750.0	-1.6	-1.6	999.9	99.9	99.9	99.9	295.4	308.0	4.5	100.1	999.9	999.9
10.0	30.2	2616.5	725.0	-3.1	-3.1	999.9	99.9	99.9	99.9	296.6	309.3	4.2	99.9	999.9	999.9
11.1	32.9	2871.9	700.0	-4.9	-4.9	999.9	99.9	99.9	99.9	297.5	308.2	3.8	99.6	999.9	999.9
12.0	35.3	3174.2	675.0	-7.0	-7.1	999.9	99.9	99.9	99.9	298.2	307.7	3.3	98.8	999.9	999.9
12.9	38.0	3472.9	650.0	-8.9	-9.1	999.9	99.9	99.9	99.9	299.3	307.8	3.0	98.1	999.9	999.9
13.9	40.7	3776.2	625.0	-10.5	-10.8	999.9	99.9	99.9	99.9	300.7	308.6	2.7	98.2	999.9	999.9
14.8	43.3	4074.3	600.0	-12.7	-13.1	999.9	99.9	99.9	99.9	301.7	308.6	2.3	97.0	999.9	999.9
15.8	46.5	4413.1	575.0	-15.0	-15.5	999.9	99.9	99.9	99.9	302.7	308.6	2.0	95.4	999.9	999.9
16.8	49.7	4744.3	550.0	-17.1	-17.9	999.9	99.9	99.9	99.9	304.0	309.2	1.7	93.8	999.9	999.9
17.8	52.5	5075.5	525.0	-20.6	-21.9	999.9	99.9	99.9	99.9	303.3	307.6	1.3	89.6	999.9	999.9
18.9	55.6	5411.7	500.0	-24.4	-30.9	999.9	99.9	99.9	99.9	305.1	305.1	0.6	55.4	999.9	999.9
20.1	58.4	5766.4	475.0	-25.4	-45.8	999.9	99.9	99.9	99.9	306.5	307.0	0.1	12.8	999.9	999.9
21.5	62.3	6214.1	450.0	-27.1	-66.2	999.9	99.9	99.9	99.9	309.1	309.2	0.0	1.2	999.9	999.9
22.9	65.8	6624.1	425.0	-29.4	-68.8	999.9	99.9	99.9	99.9	311.3	311.3	0.0	1.0	999.9	999.9
24.7	69.3	7054.6	400.0	-31.8	-70.4	999.9	99.9	99.9	99.9	313.6	313.6	0.0	1.0	999.9	999.9
26.1	73.0	7511.5	375.0	-35.3	-72.7	999.9	99.9	99.9	99.9	314.8	314.8	0.0	1.0	999.9	999.9
27.9	77.2	7964.0	350.0	-39.6	-99.9	999.9	99.9	99.9	99.9	315.3	999.9	99.9	999.9	999.9	999.9
29.5	81.2	8490.3	325.0	-43.7	99.9	999.9	99.9	99.9	99.9	316.5	999.9	99.9	999.9	999.9	999.9
31.1	85.3	9024.0	300.0	-47.5	99.9	999.9	99.9	99.9	99.9	318.4	999.9	99.9	999.9	999.9	999.9
32.9	90.0	9592.6	275.0	-52.4	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.9
35.0	95.0	10204.4	250.0	-55.0	99.9	999.9	99.9	99.9	99.9	324.3	999.9	99.9	999.9	999.9	999.9
37.1	100.0	10877.1	225.0	-55.8	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.9
39.7	105.0	11624.9	200.0	-56.3	99.9	999.9	99.9	99.9	99.9	343.6	999.9	99.9	999.9	999.9	999.9
42.4	111.3	12472.9	175.0	-57.0	99.9	999.9	99.9	99.9	99.9	355.4	999.9	99.9	999.9	999.9	999.9
45.1	118.0	13444.7	150.0	-58.1	99.9	999.9	99.9	99.9	99.9	369.9	999.9	99.9	999.9	999.9	999.9
49.1	125.5	14587.4	125.0	-59.8	99.9	999.9	99.9	99.9	99.9	386.7	999.9	99.9	999.9	999.9	999.9
53.2	133.1	15722.1	100.0	-63.0	99.9	999.9	99.9	99.9	99.9	406.0	999.9	99.9	999.9	999.9	999.9
58.3	141.7	17311.7	75.0	-65.7	99.9	999.9	99.9	99.9	99.9	435.2	999.9	99.9	999.9	999.9	999.9
65.6	150.1	20206.8	50.0	-67.6	99.9	999.9	99.9	99.9	99.9	484.3	999.9	99.9	999.9	999.9	999.9
99.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCY	RANGE KM	AZ DG
0.0	6.1	46.0	999.4	-3.5	-4.6	340.0	2.6	0.9	-2.4	270.3	277.2	2.7	92.0	0.0	0.
99.9	99.9	1005.0	1005.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	7.8	258.0	975.0	-3.1	-3.8	350.8	4.5	0.7	-4.4	272.4	279.9	3.0	98.8	0.1	135.
1.7	10.1	473.8	950.0	-3.1	-3.3	56.8	7.6	-2.2	-1.4	274.4	282.6	3.2	98.6	0.3	179.
2.5	12.1	675.2	925.0	-3.0	-3.0	117.1	4.1	-3.7	1.9	276.7	285.3	3.3	99.8	0.3	207.
3.5	14.3	892.3	905.0	-3.6	-3.6	135.6	9.9	-6.9	7.1	278.2	286.7	3.2	99.7	0.4	267.
4.1	16.1	1115.4	875.0	-2.9	-2.9	166.4	10.3	-5.7	8.6	281.2	290.5	3.5	99.8	0.9	299.
5.4	18.9	1345.7	850.0	-2.1	-2.1	189.0	10.8	1.8	10.7	284.5	294.7	3.9	100.6	1.3	306.
6.2	20.3	1531.5	825.0	-1.8	-1.8	194.5	12.5	3.1	12.1	287.2	298.1	4.1	100.0	1.8	336.
7.3	23.2	1824.1	800.0	-2.9	-2.9	197.6	6.2	1.9	5.9	288.6	299.0	3.9	99.8	2.2	343.
8.3	25.5	2076.6	775.0	-3.9	-4.0	191.1	4.6	0.9	4.5	290.0	300.1	3.7	99.7	2.4	347.
9.3	27.9	2338.1	750.0	-5.4	-5.5	195.4	4.9	1.3	4.7	291.1	300.5	3.4	99.5	2.8	350.
10.4	30.5	2604.1	725.0	-6.4	-6.6	224.0	5.0	3.5	3.6	292.8	301.8	3.2	98.7	3.0	353.
11.5	33.1	2879.1	700.0	-6.9	-7.2	248.8	8.6	8.0	3.1	295.2	304.2	3.2	97.6	3.2	359.
12.6	35.0	3161.6	675.0	-9.2	-10.4	257.8	12.3	11.7	3.6	295.7	303.0	2.6	91.1	3.5	11.
13.7	39.2	3432.1	650.0	-11.4	-12.8	250.0	13.3	12.5	4.6	296.3	302.6	2.2	89.9	3.9	23.
14.7	43.3	3732.1	625.0	-13.3	-14.0	243.9	13.6	12.2	6.0	297.4	301.5	2.1	94.7	4.6	30.
15.9	47.6	4061.8	600.0	-15.3	-23.7	233.7	12.9	11.5	5.7	298.5	301.5	0.9	88.8	5.5	35.
17.2	46.5	4333.0	575.0	-16.7	-21.8	251.6	11.5	10.9	3.6	300.5	304.1	1.2	64.7	6.2	40.
19.4	49.4	4715.6	550.0	-19.3	-22.6	249.0	11.4	10.6	4.1	301.3	304.7	1.1	75.1	7.0	43.
19.6	52.3	5060.1	525.0	-21.5	-23.6	248.8	9.3	8.6	3.3	302.7	306.0	1.1	82.8	7.7	46.
21.2	55.3	5418.1	500.0	-24.3	-26.0	235.7	12.4	10.2	7.0	303.5	306.3	0.9	85.8	8.5	48.
22.7	58.4	5749.1	475.0	-26.9	-29.7	240.7	16.6	14.5	8.0	305.8	307.3	0.5	63.0	11.6	51.
24.3	61.7	6177.9	450.0	-29.8	-34.5	247.5	20.8	19.3	8.0	305.8	307.3	0.5	63.0	11.6	51.
26.0	65.2	6532.2	425.0	-33.8	-40.0	244.2	21.7	19.5	9.4	305.9	306.8	0.3	52.3	13.7	54.
27.5	68.4	7008.4	400.0	-37.3	-43.1	240.1	24.1	20.9	12.0	306.5	307.2	0.2	52.0	13.8	55.
29.3	72.1	7446.4	375.0	-41.3	-49.4	233.0	25.9	20.7	15.6	306.9	309.9	99.9	99.9	18.3	55.
31.0	76.0	7910.2	350.0	-45.7	-54.7	228.2	28.8	21.5	19.2	307.1	309.9	99.9	99.9	21.2	54.
32.6	80.7	8400.1	325.0	-48.8	-58.9	228.6	31.6	26.9	16.4	309.4	309.9	99.9	99.9	24.1	54.
34.6	84.0	8971.8	300.0	-50.2	-60.2	225.5	42.7	38.8	17.7	314.6	309.9	99.9	99.9	28.3	56.
36.8	88.2	9490.8	275.0	-51.6	-61.6	222.6	54.2	48.1	24.9	320.6	309.9	99.9	99.9	34.9	57.
38.8	93.0	10108.0	250.0	-53.2	-64.5	222.3	74.9	48.6	25.5	327.0	309.9	99.9	99.9	42.1	58.
41.2	97.4	10741.9	225.0	-55.5	-67.3	227.2	72.9	67.2	28.3	333.5	309.9	99.9	99.9	52.1	59.
43.8	103.3	11534.4	200.0	-58.8	-70.7	250.7	47.3	44.6	15.7	346.0	309.9	99.9	99.9	60.8	61.
46.9	109.3	12748.3	175.0	-59.7	-74.9	253.7	46.0	44.1	12.9	359.7	309.9	99.9	99.9	69.6	62.
50.0	115.2	13733.7	150.0	-57.7	-74.9	250.8	56.2	53.1	18.4	374.2	309.9	99.9	99.9	80.3	64.
53.6	122.3	14331.1	125.0	-58.4	-74.9	249.6	41.5	38.4	14.4	388.3	309.9	99.9	99.9	89.1	65.
57.3	130.3	15918.9	100.0	-62.8	-74.9	254.8	36.2	34.9	9.5	406.4	309.9	99.9	99.9	99.2	65.
62.7	134.3	17600.5	75.0	-64.5	-74.9	256.3	46.0	44.7	10.9	437.7	309.9	99.9	99.9	112.0	66.
70.1	147.0	21614.4	50.0	-65.6	-74.9	253.3	41.6	39.8	11.9	488.9	309.9	99.9	99.9	129.7	68.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 520  
PITTSBURGH, PA  
6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.9	359.0	961.7	1.0	-1.7	230.0	2.6	2.0	1.7	277.7	285.8	3.5	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.4	477.9	950.0	1.7	1.4	245.3	12.1	11.0	2.8	279.5	291.0	4.5	98.3	0.3	69.
1.0	10.7	677.1	925.0	0.9	0.9	255.7	11.2	10.9	2.8	280.8	292.3	4.4	100.5	0.6	67.
1.9	13.2	443.2	900.0	0.2	0.2	264.4	11.5	11.4	1.1	282.2	293.5	4.3	100.8	1.2	76.
2.6	15.4	1113.2	875.0	-0.6	-0.6	266.8	12.5	12.4	0.7	283.7	294.8	4.2	100.5	1.7	79.
3.1	17.6	1350.7	850.0	-1.6	-1.6	272.1	13.9	13.9	-0.5	285.0	295.6	4.0	100.5	2.3	81.
4.0	20.1	1588.3	825.0	-2.4	-2.4	275.1	13.7	13.7	-1.2	286.6	297.0	3.9	100.5	2.9	84.
4.7	22.1	1412.4	800.0	-3.5	-3.6	270.0	10.2	14.7	0.0	287.8	297.7	3.7	99.7	3.6	86.
5.7	24.7	2003.0	775.0	-4.9	-4.9	268.4	16.6	16.6	0.5	289.0	298.4	3.4	100.1	4.4	86.
6.5	27.2	2340.3	750.0	-6.5	-6.5	267.4	18.1	18.1	0.8	289.9	298.5	3.1	99.9	5.3	87.
7.5	29.7	2604.4	725.0	-8.1	-8.2	262.5	18.3	18.1	2.4	290.9	298.8	2.8	99.6	6.3	87.
8.3	32.5	2877.4	700.0	-9.1	-9.2	258.3	18.6	18.2	3.8	292.7	300.4	2.7	99.3	7.2	86.
9.2	35.3	3158.2	675.0	-11.0	-11.2	258.8	18.8	18.4	3.6	293.7	300.5	2.4	98.4	8.3	85.
10.7	37.3	3447.4	650.0	-13.0	-13.3	261.3	18.4	18.7	2.8	294.5	300.6	2.1	97.5	9.3	84.
11.1	40.7	3745.8	625.0	-14.8	-15.5	263.9	17.1	17.0	1.8	295.8	301.1	1.8	94.4	10.4	84.
12.1	43.4	4053.7	600.0	-17.1	-17.9	264.0	17.1	17.0	1.8	296.5	301.1	1.6	93.3	11.4	84.
13.1	46.3	4371.8	575.0	-19.2	-19.8	259.4	17.7	17.4	3.3	297.6	301.7	1.4	95.3	12.4	84.
14.1	50.0	4701.0	550.0	-22.0	-23.1	258.7	19.0	18.7	3.7	298.1	301.4	1.1	90.3	13.5	83.
15.1	53.1	5042.2	525.0	-24.2	-26.5	257.4	19.3	18.9	4.1	299.4	302.0	0.8	81.1	14.7	83.
16.1	56.3	5346.3	500.0	-27.0	-29.4	255.4	17.6	17.0	4.4	300.1	302.2	0.7	79.9	15.8	83.
17.3	59.3	5763.6	475.0	-30.3	-32.1	252.1	17.8	16.9	5.5	300.5	302.2	0.5	83.9	16.9	82.
18.4	63.5	6145.4	450.0	-33.8	-36.5	249.3	17.7	16.5	6.2	300.8	302.0	0.4	76.6	18.1	81.
19.5	67.3	6543.3	425.0	-37.4	-41.4	249.5	17.1	16.0	6.0	301.1	301.8	0.2	65.7	19.3	80.
20.8	70.3	6959.0	400.0	-40.1	-44.9	249.9	23.2	21.8	8.0	302.6	302.6	99.9	99.9	20.6	80.
22.1	74.7	7398.1	375.0	-41.9	-46.9	252.5	33.8	32.1	10.2	306.2	309.9	99.9	99.9	22.8	79.
23.4	79.2	7863.2	350.0	-43.8	-48.4	251.6	46.6	44.2	14.8	304.6	304.6	99.9	99.9	25.9	78.
24.3	83.2	8358.6	325.0	-46.2	-50.9	247.6	56.0	51.7	21.4	313.0	309.9	99.9	99.9	30.9	77.
26.4	88.2	8897.4	300.0	-49.1	-54.9	247.3	56.8	52.4	21.9	316.2	309.9	99.9	99.9	37.2	75.
28.5	93.4	9456.5	275.0	-50.4	-55.4	245.2	54.1	49.1	22.6	322.3	309.9	99.9	99.9	43.1	74.
30.3	98.5	10075.7	250.0	-52.4	-57.4	244.4	53.0	47.4	22.9	328.1	309.9	99.9	99.9	48.7	73.
32.7	104.3	10754.0	225.0	-50.4	-54.9	245.1	47.99	43.4	20.2	341.3	309.9	99.9	99.9	56.0	72.
35.1	110.4	11524.2	200.0	-52.8	-57.9	246.4	57.99	48.5	21.2	349.2	309.9	99.9	99.9	63.2	71.
37.6	116.3	12344.6	175.0	-53.1	-59.9	243.5	46.48	41.6	20.7	362.0	309.9	99.9	99.9	70.6	70.
40.5	124.0	13372.6	150.0	-57.2	-64.9	235.4	41.74	34.1	23.6	371.6	304.4	99.9	99.9	78.1	70.
44.4	131.7	14574.9	125.0	-57.2	-64.9	243.1	45.19	40.2	20.4	391.4	309.9	99.9	99.9	88.1	69.
48.5	139.7	15918.5	100.0	-63.9	-70.9	246.6	30.88	28.3	12.2	404.3	309.9	99.9	99.9	96.7	68.
54.5	147.7	17644.8	75.0	-61.4	-64.9	246.9	28.88	26.5	11.3	444.3	309.9	99.9	99.9	108.3	69.
61.7	156.0	21194.3	50.0	-64.7	-64.9	272.1	20.54	20.5	-0.7	486.3	309.9	99.9	99.9	119.0	70.
74.4	165.0	24393.2	25.0	-62.4	-64.9	258.5	12.78	12.4	2.5	605.4	309.9	99.9	99.9	139.8	72.

0 HV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 328  
BUFFALO, N Y  
6 FEBRUARY 1975  
515 GMT

TIME MIN	CMCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	214.0	978.3	-1.1	-1.7	30.0	3.1	-1.5	-2.7	274.2	283.0	3.5	96.0	0.0	0.
99.9	99.9	99.9	1008.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	6.9	245.0	975.0	-1.5	-2.5	44.2	3.7	-2.6	-2.6	274.1	282.4	3.3	92.5	0.1	260.
0.3	9.1	451.6	950.0	-3.0	-3.1	58.5	3.7	-3.1	-1.9	274.5	282.6	3.2	97.9	0.2	259.
1.6	11.3	662.8	925.0	-2.5	-2.7	92.0	2.5	-2.5	0.1	277.1	285.9	3.4	98.6	0.4	280.
2.4	13.3	480.2	938.0	-3.2	-3.4	209.7	2.6	1.7	2.1	278.6	287.2	3.3	98.7	0.4	250.
3.3	15.4	1103.1	875.0	-4.1	-4.1	209.5	3.6	1.8	3.1	274.9	284.3	3.2	98.6	0.2	273.
4.0	17.5	1331.5	850.0	-4.8	-5.0	185.9	4.2	0.4	4.2	281.5	289.7	3.1	98.5	0.3	310.
4.9	19.9	1567.0	825.0	-3.9	-4.1	208.1	6.9	3.2	6.1	284.9	294.0	3.4	98.6	0.5	344.
5.6	22.3	1803.7	808.0	-5.0	-5.2	233.1	7.2	5.7	4.3	286.2	295.0	3.2	98.4	0.7	7.
6.5	24.5	2053.3	775.0	-5.4	-5.0	257.1	5.9	5.8	1.3	287.9	296.5	3.1	98.7	0.9	26.
7.4	26.7	2316.2	750.0	-6.6	-6.9	261.8	5.9	5.8	0.8	289.8	298.2	3.1	98.7	1.1	39.
8.1	29.2	2580.6	725.0	-8.1	-8.4	258.4	8.0	7.8	1.6	290.9	298.8	2.8	98.7	1.4	49.
9.2	31.8	2852.9	708.0	-9.2	-8.5	256.4	9.9	9.6	2.3	292.6	300.1	2.7	97.5	1.9	56.
10.1	34.4	3131.7	675.0	-10.6	-11.1	250.3	11.3	10.6	3.8	294.0	300.9	2.4	96.4	2.4	61.
11.2	36.9	3411.6	650.0	-12.1	-12.6	243.8	12.0	10.7	5.3	295.6	302.0	2.2	95.7	3.2	62.
12.1	39.7	3723.1	625.0	-13.7	-14.5	240.0	12.4	11.1	5.4	297.0	302.8	2.0	94.0	3.8	62.
13.1	42.0	4012.3	608.0	-15.7	-16.5	243.4	12.2	10.9	5.4	298.2	303.4	1.7	93.0	4.6	62.
14.2	45.3	4322.1	575.0	-18.1	-19.2	248.0	12.1	10.9	5.3	299.9	303.3	1.5	91.1	5.4	62.
15.4	47.9	4613.1	550.0	-20.3	-21.6	243.6	12.8	11.4	5.7	300.1	303.8	1.2	89.7	6.2	63.
16.5	50.3	5026.3	525.0	-22.7	-24.2	240.7	14.6	12.7	7.2	301.3	304.4	1.0	86.8	7.3	63.
17.6	53.9	5342.2	500.0	-25.6	-27.5	236.3	15.3	12.8	8.5	301.9	304.3	0.8	84.0	8.4	62.
19.1	56.9	5752.1	475.0	-28.6	-30.8	230.9	14.6	11.4	9.2	302.6	304.6	0.6	81.4	9.5	61.
20.4	60.1	6137.1	450.0	-31.4	-34.2	227.5	14.6	10.8	9.8	303.3	304.6	0.5	78.6	10.6	60.
21.8	63.9	6534.3	425.0	-35.4	-37.8	224.6	14.6	10.2	10.4	303.7	304.8	0.3	75.3	11.7	58.
23.1	66.7	6957.3	400.0	-39.1	-41.9	221.8	15.9	10.6	11.9	304.2	304.9	0.2	72.9	12.9	57.
24.4	70.1	7396.4	375.0	-42.4	-45.9	214.8	18.0	10.3	14.8	305.5	304.9	0.1	70.9	14.2	56.
25.9	73.7	7894.1	350.0	-47.1	-50.9	209.3	17.9	6.5	15.8	305.3	304.9	0.1	68.9	15.6	53.
27.2	77.3	8343.7	325.0	-52.0	-55.9	215.8	14.9	11.7	16.1	305.0	304.9	0.1	66.9	17.2	51.
28.6	81.7	8850.6	300.0	-56.8	-60.9	220.1	20.2	13.0	16.4	305.6	304.9	0.1	64.9	19.0	50.
31.1	86.0	9410.5	275.0	-64.0	-68.9	235.0	24.9	22.1	18.5	317.1	304.9	0.1	62.9	22.0	49.
33.2	90.4	10023.0	250.0	-73.8	-78.9	234.9	36.8	31.9	18.5	326.1	304.9	0.1	60.9	26.0	51.
35.8	95.3	10703.7	225.0	-82.0	-86.9	239.8	34.8	34.4	20.0	338.8	304.9	0.1	58.9	32.1	53.
38.6	100.7	11457.7	200.0	-92.0	-96.9	243.0	39.2	35.0	17.8	350.4	304.9	0.1	56.9	38.8	54.
41.6	106.5	12329.0	175.0	-102.9	-107.9	244.2	37.5	33.8	16.3	362.5	304.9	0.1	54.9	45.9	56.
45.3	112.7	13200.9	150.0	-114.8	-119.9	244.5	40.7	36.7	17.5	375.7	304.9	0.1	52.9	55.0	57.
49.7	119.8	14480.4	125.0	-128.5	-133.9	248.8	30.2	28.2	10.9	412.5	304.9	0.1	50.9	64.5	58.
54.7	128.5	15983.6	100.0	-159.6	-164.9	254.0	31.9	32.6	9.3	412.5	304.9	0.1	48.9	78.5	60.
61.1	137.7	17667.3	75.0	-182.1	-187.9	252.5	34.6	34.6	10.8	412.5	304.9	0.1	46.9	86.9	62.
70.2	148.5	20147.1	50.0	-254.9	-259.9	999.9	99.9	99.9	99.9	484.2	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PERRIA, ILL6 FEBRUARY 1975  
548 GMT

TIME MIN	CNTCT	HEIGHT GDM	PRES MP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T UG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ OG
0.0	5.6	200.2	990.2	-7.2	-9.4	280.0	6.7	6.6	-1.2	266.9	271.8	1.9	84.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	7.0	323.2	975.0	-8.3	-8.9	281.5	11.0	10.3	-4.1	267.0	272.1	2.0	95.3	0.3	110.
1.2	9.1	520.7	950.0	-11.7	-11.7	302.0	10.6	9.0	-5.6	265.5	269.7	1.6	100.2	0.8	112.
2.1	11.1	726.9	925.0	-5.6	-5.6	329.6	8.5	4.3	-7.3	274.0	281.0	2.7	102.5	1.3	122.
3.0	13.2	911.6	900.0	-6.6	-6.6	377.0	6.4	3.5	-5.4	275.1	281.9	2.6	102.4	1.6	129.
4.0	15.4	1161.4	875.0	-7.8	-7.4	314.6	6.4	4.8	-4.8	276.0	282.4	2.4	102.2	2.0	131.
4.8	17.5	1396.3	850.0	-9.6	-9.6	317.4	8.9	6.0	-6.5	276.4	282.2	2.2	102.0	2.4	131.
5.7	19.7	1617.0	825.0	-9.6	-9.6	316.4	8.2	5.7	-6.0	278.7	284.7	2.2	101.9	2.8	133.
6.6	21.9	1854.9	800.0	-9.5	-9.5	309.1	9.0	6.9	-5.6	281.3	287.6	2.3	101.7	3.2	132.
7.6	24.3	2100.4	775.0	-9.8	-9.8	312.6	8.7	6.4	-5.9	283.5	289.9	2.3	101.5	3.7	132.
8.4	26.5	2353.2	750.0	-10.7	-10.7	301.5	10.6	9.1	-5.6	285.2	291.4	2.2	101.2	4.3	132.
9.1	29.0	2613.5	725.0	-11.9	-11.9	290.3	10.2	9.6	-3.5	286.6	292.5	2.1	100.7	4.9	130.
10.4	31.6	2842.0	700.0	-13.3	-13.3	273.8	10.3	10.2	-0.7	288.0	293.6	2.0	100.2	5.4	127.
11.1	34.1	3144.0	675.0	-15.0	-15.0	270.0	9.9	9.9	-0.0	290.0	294.0	1.7	98.8	5.9	123.
12.5	36.6	3441.2	650.0	-16.2	-16.2	277.4	8.6	6.5	-1.2	290.8	295.5	1.6	97.8	6.4	120.
13.5	39.2	3734.0	625.0	-17.4	-17.4	280.2	8.3	7.9	-2.4	292.7	297.2	1.5	96.7	6.9	119.
14.6	41.5	4041.2	600.0	-18.4	-18.4	282.3	8.0	7.4	-3.1	294.4	298.4	1.4	95.6	7.4	118.
15.6	44.7	4359.0	575.0	-21.4	-22.1	284.5	9.0	7.3	-3.3	295.1	298.4	1.1	93.5	7.9	118.
16.6	47.4	4685.4	550.0	-24.0	-24.9	285.3	8.0	7.2	-3.4	295.7	298.5	0.9	91.4	8.4	118.
17.8	50.4	5021.5	525.0	-26.4	-27.7	287.0	8.1	7.2	-3.7	296.7	299.0	0.7	88.7	9.0	118.
19.1	53.4	5373.7	500.0	-29.7	-31.1	287.9	7.6	6.7	-3.6	296.9	298.6	0.6	85.8	9.6	118.
20.5	56.3	5717.4	475.0	-32.7	-34.7	288.3	7.5	6.6	-3.6	297.5	298.8	0.4	82.4	10.2	118.
21.9	59.0	6115.6	450.0	-35.9	-38.4	288.4	6.9	7.6	-4.3	298.1	299.1	0.3	77.4	10.9	118.
23.5	63.0	6509.8	425.0	-39.2	-42.1	287.4	8.3	7.4	-3.8	298.7	299.9	0.2	73.9	11.7	118.
25.0	66.3	6927.0	400.0	-42.6	-46.9	285.2	9.4	9.0	-2.5	299.6	299.9	99.9	99.9	12.5	118.
26.5	70.3	7351.6	375.0	-46.4	-49.3	275.0	11.9	11.8	-1.0	300.2	299.9	99.9	99.9	13.5	118.
28.1	73.7	7837.6	350.0	-50.5	-54.9	270.4	10.3	10.3	-0.1	300.6	299.9	99.9	99.9	14.5	114.
30.2	77.7	8286.0	325.0	-55.0	-59.9	266.5	10.0	9.9	0.6	300.9	299.9	99.9	99.9	15.6	113.
32.5	81.7	8793.6	300.0	-57.2	-62.2	264.0	11.6	11.5	1.2	304.8	299.9	99.9	99.9	17.0	110.
34.6	85.9	9311.2	275.0	-58.8	-64.7	258.7	14.9	14.4	3.9	310.1	299.9	99.9	99.9	18.3	108.
37.2	90.6	9900.7	250.0	-57.4	-64.7	256.9	14.4	19.3	4.5	320.7	299.9	99.9	99.9	20.5	104.
39.9	95.5	10617.6	225.0	-58.7	-66.7	250.7	23.4	23.1	8.0	334.7	299.9	99.9	99.9	23.8	99.
43.0	100.7	11369.0	200.0	-53.9	-66.7	255.4	28.1	25.3	6.4	347.5	299.9	99.9	99.9	27.9	95.
46.4	104.6	12223.7	175.0	-54.9	-66.7	246.1	27.3	24.4	11.1	359.4	299.9	99.9	99.9	33.1	92.
50.2	112.5	13211.6	150.0	-53.7	-66.7	247.7	31.4	29.0	11.9	377.6	299.9	99.9	99.9	39.3	87.
54.9	120.3	14386.3	125.0	-52.4	-66.7	255.4	25.3	28.4	7.1	400.2	299.9	99.9	99.9	47.7	82.
60.4	128.7	15416.3	100.0	-57.2	-66.7	252.4	27.2	26.0	7.4	417.1	299.9	99.9	99.9	56.3	80.
67.7	137.5	17025.2	75.0	-59.7	-66.7	256.1	30.7	29.8	7.4	447.7	299.9	99.9	99.9	66.5	80.
77.3	147.5	20139.5	50.0	-63.3	-66.7	259.4	25.8	25.1	6.3	489.3	299.9	99.9	99.9	78.8	81.
92.6	159.5	24165.2	25.0	-66.7	-66.7	299.9	29.9	29.9	99.9	503.2	299.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SLOPED MEANS ELEVATION ANGLE LESS THAN A DEG

STATION NO. 543  
OMAHA, NEB

6 FEBRUARY 1975  
009 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES IN	TEMP DG C	DEW PT DG C	DIR ING	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	PUT T DG K	E POT T DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	A.3	400.0	975.1	-16.2	-21.0	330.0	10.3	5.2	-8.9	258.9	260.7	0.7	63.0	0.0	0.
00.9	00.9	09.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	0.0	402.3	975.0	-16.2	-21.1	99.9	99.9	99.9	99.9	250.7	260.7	0.7	63.5	99.9	99.9
0.6	0.6	507.1	950.0	-18.4	-20.7	99.9	99.9	99.9	99.9	256.7	260.8	0.8	85.3	99.9	99.9
1.2	12.7	795.5	925.0	-20.3	-20.9	99.9	99.9	99.9	99.9	260.7	260.7	0.8	95.0	99.9	99.9
1.6	15.2	919.7	900.0	-19.6	-19.3	99.9	99.9	99.9	99.9	261.4	263.7	0.9	97.7	99.9	99.9
2.6	17.4	1239.4	875.0	-17.2	-17.4	99.9	99.9	99.9	99.9	266.1	269.0	1.1	98.3	99.9	99.9
3.3	19.9	1427.7	850.0	-14.8	-14.9	99.9	99.9	99.9	99.9	270.8	274.6	1.4	99.1	99.9	99.9
4.1	22.4	1654.0	825.0	-12.6	-12.4	336.0	8.6	3.4	-7.9	275.5	280.1	1.7	99.0	3.2	162.
4.9	24.4	1840.1	800.0	-12.3	-12.0	314.5	8.4	3.6	-7.6	278.2	283.1	1.8	98.1	3.6	162.
5.7	27.2	2132.7	775.0	-13.1	-13.5	326.2	6.9	3.4	-5.7	280.0	284.7	1.7	96.4	4.0	161.
6.5	29.9	2462.2	750.0	-14.5	-14.7	247.5	5.8	5.6	-1.8	281.1	285.6	1.6	98.2	4.2	159.
7.4	32.8	2614.4	725.0	-15.1	-15.2	241.2	7.0	7.0	-3.0	283.1	287.6	1.6	98.6	4.4	155.
8.4	35.4	2805.7	700.0	-13.2	-13.4	297.7	9.5	8.4	-4.4	288.0	293.5	1.9	98.7	4.8	151.
9.5	38.1	3132.2	675.0	-14.6	-14.9	298.7	11.2	9.8	-5.4	289.5	294.6	1.8	97.2	5.8	147.
10.4	40.8	3457.4	650.0	-10.0	-10.3	295.4	12.1	10.9	-5.2	291.0	295.5	1.6	93.4	6.0	144.
11.4	43.6	3761.4	625.0	-14.0	-19.7	296.6	13.2	11.8	-5.9	292.0	295.7	1.3	86.6	6.6	141.
12.1	46.4	4065.2	600.0	-20.2	-23.5	100.5	13.5	11.6	-6.9	292.8	295.7	1.0	74.9	7.2	139.
13.1	49.3	4390.3	575.0	-22.4	-26.4	104.5	13.1	10.8	-7.4	293.8	296.0	0.7	67.6	7.9	136.
14.0	52.4	4704.8	550.0	-25.2	-30.0	101.7	12.4	10.7	-7.1	294.2	296.0	0.6	63.7	8.6	137.
15.0	55.6	5040.8	525.0	-28.2	-32.6	100.4	12.8	11.0	-6.5	294.5	296.0	0.5	65.7	9.4	136.
16.0	58.9	5368.9	500.0	-30.9	-35.7	296.0	14.4	11.1	-5.4	295.3	296.4	0.4	62.3	10.1	134.
17.1	62.1	5750.2	475.0	-34.3	-39.3	293.4	12.2	11.2	-4.9	295.5	296.4	0.3	59.7	10.9	133.
18.1	65.0	6126.2	450.0	-37.3	-42.5	290.3	11.7	11.3	-4.1	296.3	297.0	0.2	56.3	11.6	132.
19.3	69.0	6517.4	425.0	-40.8	-45.1	278.6	11.5	11.3	-1.7	296.7	299.9	99.9	99.9	12.3	130.
20.6	72.6	6927.6	400.0	-44.4	-49.7	278.9	12.8	12.6	-2.0	297.2	299.9	99.9	99.9	13.1	128.
21.9	76.5	7356.1	375.0	-48.1	-53.1	270.0	12.7	12.7	0.0	298.0	299.9	99.9	99.9	13.9	126.
23.1	80.4	7807.2	350.0	-52.0	-57.1	264.6	14.1	14.0	1.3	298.6	299.9	99.9	99.9	14.7	123.
24.4	84.5	8282.4	325.0	-56.2	-61.2	250.5	13.8	13.4	3.2	299.3	299.9	99.9	99.9	15.6	120.
25.7	88.6	8787.5	300.0	-59.6	-64.9	252.5	13.2	12.6	4.0	301.4	299.9	99.9	99.9	16.3	118.
27.2	91.2	9332.2	275.0	-58.6	-64.9	262.0	13.0	12.9	1.0	310.1	299.9	99.9	99.9	17.2	115.
28.8	94.3	9815.4	250.0	-56.2	-64.9	274.4	14.1	14.0	-1.2	322.6	293.9	99.9	99.9	18.4	113.
30.6	102.8	10608.6	225.0	-54.4	-64.9	279.8	13.4	13.1	-2.6	333.1	299.9	99.9	99.9	19.9	112.
32.0	108.4	11364.9	200.0	-53.2	-64.9	277.1	18.3	18.2	-2.3	348.5	299.9	99.9	99.9	21.9	111.
35.4	114.3	12223.1	175.0	-54.1	-64.9	294.2	16.6	14.6	-7.0	360.5	299.9	99.9	99.9	24.9	111.
38.4	120.3	13216.1	150.0	-4.0	-64.9	284.5	14.2	17.6	-4.6	377.1	299.9	99.9	99.9	28.3	110.
40.5	127.3	14385.7	125.0	-54.1	-64.9	274.5	14.4	19.4	-0.8	397.1	299.9	99.9	99.9	33.0	110.
43.5	135.0	15820.4	100.0	-53.6	-64.9	283.4	19.1	18.5	-4.4	428.2	299.9	99.9	99.9	41.0	107.
46.9	141.3	16949.9	75.0	-54.4	-64.9	291.7	99.9	99.9	99.9	99.9	299.9	99.9	99.9	99.9	99.9
49.9	147.3	18174.9	50.0	-54.4	-64.9	294.9	99.9	99.9	99.9	99.9	299.9	99.9	99.9	99.9	99.9
50.9	149.3	18499.9	25.0	-54.4	-64.9	294.9	99.9	99.9	99.9	99.9	299.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 502  
NINTH PLATTE, NEB  
6 FEBRUARY 1975  
000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	847.0	926.5	-17.8	-23.7	340.0	6.2	2.1	-5.8	261.1	262.8	0.6	64.0	0.6	0.
00.9	99.9	1000.0	926.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	926.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	926.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	12.1	847.0	926.5	-17.8	-23.7	340.0	6.2	2.1	-5.8	261.1	262.8	0.6	64.0	0.6	0.
0.5	14.5	1064.1	900.0	-18.0	-23.7	340.0	7.5	5.4	-13.4	262.2	263.9	0.6	64.6	0.6	0.0 154.
1.3	16.5	1271.1	875.0	-20.7	-23.7	340.0	14.5	4.7	-13.7	262.4	264.1	0.6	75.5	1.3	156.
2.2	12.0	1446.0	850.0	-22.2	-23.7	340.0	18.5	4.2	-16.0	262.9	264.7	0.7	86.4	2.6	159.
3.0	21.2	1708.1	825.0	-19.4	-21.0	340.0	18.5	3.4	-16.2	268.2	270.6	0.9	87.1	2.6	162.
3.8	23.8	1937.5	800.0	-18.4	-19.9	340.0	18.5	3.5	-16.0	271.6	274.3	1.0	87.8	3.0	164.
4.9	20.0	2175.7	775.0	-16.4	-17.5	327.2	12.6	4.9	-11.6	276.3	279.7	1.2	91.3	4.5	163.
5.9	24.5	2422.4	750.0	-16.7	-17.6	327.3	13.1	7.1	-11.0	279.2	282.7	1.3	88.3	5.3	162.
6.8	31.2	2640.1	725.0	-11.4	-11.9	328.8	15.3	8.6	-12.6	287.2	293.1	2.1	96.1	6.0	160.
7.7	36.0	2849.7	700.0	-12.1	-13.7	325.1	14.6	8.3	-12.0	289.3	295.7	1.9	87.6	6.8	158.
8.6	34.1	3270.9	675.0	-13.6	-15.8	326.5	14.2	7.6	-11.8	290.6	295.4	1.7	83.5	7.6	157.
9.6	34.1	3512.9	650.0	-15.7	-16.7	327.7	12.9	6.9	-10.9	291.4	295.3	1.3	77.2	8.4	156.
10.7	41.3	3407.4	625.0	-17.8	-21.8	329.5	14.3	7.2	-12.3	292.2	295.4	1.1	70.5	9.3	155.
11.7	44.7	4111.3	600.0	-20.1	-24.5	329.5	14.0	7.2	-12.1	292.9	295.5	0.9	68.1	10.1	155.
12.8	47.6	4425.9	575.0	-22.6	-26.9	322.5	13.6	8.3	-10.8	293.6	295.8	0.7	67.4	11.0	154.
14.1	50.6	4750.5	550.0	-25.4	-29.7	321.1	14.4	8.5	-11.7	294.0	295.8	0.6	66.6	12.1	153.
15.5	53.6	5034.3	525.0	-28.2	-33.6	327.0	13.9	7.6	-11.6	294.6	295.9	0.4	59.2	13.2	152.
16.8	56.7	5414.3	500.0	-31.1	-38.8	329.7	15.9	8.0	-13.7	294.8	295.7	0.3	47.2	14.3	152.
18.0	59.3	5793.5	475.0	-34.5	-42.4	329.9	16.4	8.2	-14.2	295.3	295.9	0.2	44.0	15.6	152.
19.4	63.1	6171.1	450.0	-37.5	-45.2	327.4	14.5	7.8	-17.2	296.0	296.5	0.1	44.2	16.8	152.
20.7	66.3	6547.4	425.0	-41.3	-49.6	322.0	14.8	9.1	-11.7	296.1	299.9	99.9	99.9	18.0	151.
22.1	70.1	6970.7	400.0	-45.0	-53.9	327.7	16.4	9.5	-13.4	296.5	299.9	99.9	99.9	19.2	151.
23.5	73.5	7394.8	375.0	-48.6	-57.4	323.4	14.8	8.8	-11.9	297.3	299.9	99.9	99.9	20.6	150.
24.7	77.1	7842.8	350.0	-52.1	-60.9	322.4	14.3	8.7	-11.3	298.2	299.9	99.9	99.9	22.1	150.
26.8	81.2	8321.7	325.0	-56.5	-65.9	315.7	14.6	10.2	-10.5	298.8	299.9	99.9	99.9	23.5	149.
28.6	85.1	8820.0	300.0	-58.3	-69.9	315.3	14.6	10.1	-10.4	303.2	299.9	99.9	99.9	25.0	148.
30.3	89.3	9381.8	275.0	-54.7	-67.9	313.0	14.3	14.1	-13.1	316.0	299.9	99.9	99.9	26.8	147.
32.4	94.2	9994.9	250.0	-52.6	-65.9	307.8	14.8	14.9	-11.6	327.8	299.9	99.9	99.9	28.8	146.
34.8	99.0	10679.6	225.0	-50.7	-63.9	307.4	14.9	15.1	-11.5	340.8	299.9	99.9	99.9	31.4	144.
37.3	104.2	11444.6	200.0	-52.5	-65.9	303.3	19.5	16.3	-10.7	349.7	299.9	99.9	99.9	34.1	143.
40.3	110.0	12307.0	175.0	-51.8	-64.9	304.1	20.0	16.2	-11.8	364.5	299.9	99.9	99.9	36.0	141.
43.3	115.4	13300.3	150.0	-54.5	-68.4	303.6	18.2	15.7	-10.1	376.3	299.9	99.9	99.9	41.3	140.
47.3	122.3	14444.4	125.0	-55.0	-69.9	295.4	20.9	18.8	-9.1	395.4	299.9	99.9	99.9	45.8	138.
52.6	130.5	15845.5	100.0	-53.7	-69.9	307.2	23.7	18.9	-14.3	420.0	299.9	99.9	99.9	51.9	135.
58.6	138.7	17738.8	75.0	-55.5	-69.9	304.5	21.8	18.0	-12.3	456.7	299.9	99.9	99.9	58.9	134.
64.8	147.0	22240.8	50.0	-58.5	-69.9	292.6	16.3	15.1	-6.3	503.3	299.9	99.9	99.9	64.1	132.
70.1	156.0	24567.3	25.0	-62.9	-69.9	290.6	18.4	16.0	-0.1	603.9	299.9	99.9	99.9	78.6	130.

0 RV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 RV TEMP MEANS TEMPERATURE ON TIME WAVE MEAN INTERPOLATED

00 RV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 606  
PORTLAND, ME  
6 FEBRUARY 1975  
315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PHYS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CLIMP M/SEC	V CLIMP M/SEC	POT T DG K	E POT T DG K	MX STD CM/KG	RM PCT	RANGE KM	AZ DG
0-0	5-3	20-0	1005-2	-2-2	-3-9	10-0	4-6	-0-8	-4-5	270-9	278-2	2-8	88-0	0-0	0-
0-2	5-0	61-2	1000-0	-2-9	-3-7	26-5	9-8	-4-4	-8-8	270-6	278-0	2-9	94-4	0-2	237-
0-4	7-9	261-3	975-0	-4-5	-4-5	40-9	12-4	-8-1	-9-4	270-9	278-1	2-8	100-4	0-5	198-
1-0	10-1	467-2	950-0	-1-3	-2-7	48-0	14-0	-13-0	-5-3	275-7	284-7	3-5	99-6	1-1	219-
2-5	12-1	679-6	925-0	-2-3	-2-3	85-0	14-5	-14-5	-1-3	277-4	286-5	3-5	100-0	1-8	235-
3-4	14-3	697-2	900-0	-2-6	-2-6	102-0	12-4	-12-4	2-6	279-3	288-5	3-5	100-0	2-4	245-
4-2	16-3	1121-4	875-0	-1-8	-1-8	124-5	13-4	-10-6	8-5	282-4	292-5	3-8	100-1	2-8	255-
5-1	18-5	1352-4	850-0	-1-8	-1-4	132-7	10-0	-7-4	6-8	284-8	295-3	4-0	100-1	3-2	265-
6-1	20-8	1540-0	825-0	-2-4	-2-4	122-7	9-1	-7-7	4-9	286-5	296-9	3-9	100-0	3-6	270-
6-4	23-0	1434-1	800-0	-3-0	-3-0	131-1	9-0	-7-3	6-5	288-4	298-8	3-8	99-9	4-0	274-
7-9	25-4	2045-5	775-0	-3-9	-3-9	151-7	4-8	-4-7	8-6	290-1	300-2	3-7	99-8	4-4	280-
8-7	27-6	2148-6	750-0	-4-5	-4-6	164-1	10-6	-2-0	10-4	292-1	302-2	3-6	99-6	4-7	286-
9-8	30-1	2611-7	725-0	-5-1	-5-2	197-3	8-5	2-5	8-1	294-3	304-3	3-6	99-6	4-9	293-
10-7	32-6	2-47-0	700-0	-6-8	-6-9	209-5	7-4	3-7	6-4	295-4	304-5	3-3	99-0	4-9	298-
11-7	35-7	3170-0	675-0	-8-8	-9-0	222-9	7-4	5-0	5-4	296-1	304-3	2-9	98-5	4-8	303-
12-9	37-7	3461-7	650-0	-11-0	-11-1	245-5	7-0	6-4	2-9	298-8	304-0	2-5	97-3	4-7	308-
13-9	40-3	3762-2	625-0	-13-1	-13-7	259-9	8-1	6-1	2-0	297-7	303-8	2-1	95-4	4-4	313-
14-9	42-9	4071-9	600-0	-15-7	-16-5	249-6	10-1	9-6	3-6	298-1	303-3	1-7	93-6	4-1	320-
16-1	45-9	4172-1	575-0	-17-2	-17-4	239-5	13-3	11-5	6-7	299-6	301-5	0-5	31-0	4-1	333-
17-4	48-7	4723-9	550-0	-19-7	-19-4	240-6	14-2	12-4	7-3	300-7	301-6	0-3	19-1	4-2	347-
18-7	51-4	5067-7	525-0	-22-1	-21-1	238-8	14-0	12-0	7-3	301-9	302-8	0-3	21-9	4-7	360-
20-0	54-5	5424-7	500-0	-24-6	-24-6	236-8	16-5	13-8	9-0	303-0	303-9	0-3	27-2	5-4	11-
21-3	57-6	5796-2	475-0	-27-4	-27-4	240-9	18-4	16-4	9-2	304-0	305-0	0-3	37-0	6-5	20-
22-9	60-8	6183-5	450-0	-29-7	-30-7	244-5	19-4	17-5	8-3	305-9	307-3	0-4	61-8	7-9	28-
24-5	64-3	6589-1	425-0	-32-9	-32-0	246-7	19-4	18-0	7-7	306-9	308-0	0-3	59-5	9-4	35-
26-3	67-1	7012-2	400-0	-36-5	-42-7	245-3	19-8	18-0	8-3	307-6	308-3	0-2	52-3	11-3	41-
27-9	70-7	7456-3	375-0	-40-4	-42-7	240-9	18-4	16-1	9-0	308-2	309-9	99-9	99-9	13-0	46-
29-7	74-3	7922-3	350-0	-44-7	-44-7	238-8	20-1	17-2	10-4	308-5	309-9	99-9	99-9	15-0	46-
31-7	78-3	8414-5	325-0	-48-6	-48-6	247-7	25-8	23-7	9-9	309-4	309-9	99-9	99-9	17-5	49-
33-7	82-2	8936-2	300-0	-51-5	-51-5	248-3	40-7	37-2	16-3	312-7	309-9	99-9	99-9	21-4	52-
36-1	86-3	9501-1	275-0	-52-1	-52-1	248-3	50-1	46-6	18-5	314-9	309-9	99-9	99-9	27-9	54-
40-6	90-9	10114-2	250-0	-54-5	-54-5	248-6	64-2	59-9	23-2	325-1	309-9	99-9	99-9	34-5	58-
41-3	95-7	10783-9	225-0	-56-9	-56-9	255-4	61-7	59-7	15-6	331-3	309-9	99-9	99-9	46-6	62-
44-5	100-7	11553-6	200-0	-54-2	-54-2	254-6	47-5	45-8	12-6	346-9	309-9	99-9	99-9	56-4	64-
48-1	106-4	12189-7	175-0	-55-5	-55-5	255-0	54-3	52-5	14-1	358-3	309-9	99-9	99-9	64-4	66-
52-1	112-3	13063-2	150-0	-58-4	-58-4	262-1	46-3	45-9	6-4	364-5	309-9	99-9	99-9	78-6	68-
56-8	119-0	14511-9	125-0	-57-9	-57-9	259-4	50-0	49-7	9-2	390-2	309-9	99-9	99-9	91-8	70-
62-5	126-7	15897-4	100-0	-63-2	-63-2	266-7	36-6	36-6	2-2	405-7	309-9	99-9	99-9	105-9	72-
68-5	135-3	17455-2	75-0	-64-1	-64-1	274-0	30-8	30-8	-2-1	438-6	309-9	99-9	99-9	120-1	73-
70-9	144-3	23127-9	50-0	-67-0	-67-0	99-9	99-9	99-9	99-9	485-5	309-9	99-9	99-9	999-9	999-
99-9	99-9	99-9	25-0	-99-9	-99-9	99-9	99-9	99-9	99-9	99-9	309-9	99-9	99-9	999-9	999-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED  
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 637  
FLINT, MICH  
6 FEBRUARY 1975  
615 GMT

TIME MIN	CNTCT	WEIGHT GUM	PMFS MR	TEMP UG C	NEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.0	230.7	976.3	-1.7	-3.6	300.0	4.1	0.0	-4.1	273.5	281.3	3.0	88.0	0.0	0.
0.0	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	6.7	242.0	975.0	-2.2	-3.2	2.5	6.1	-0.3	-6.1	273.3	281.2	3.1	93.0	0.1	79.
0.5	6.3	486.6	950.0	-4.0	-4.0	9.1	7.9	-1.3	-7.9	273.5	281.2	3.0	100.7	0.4	179.
1.6	10.9	678.5	925.0	-5.1	-5.1	30.9	6.0	-3.1	-5.1	274.4	281.7	2.8	100.3	0.6	188.
2.2	13.0	921.6	900.0	-6.0	-6.0	43.1	4.0	-2.7	-2.9	275.6	282.7	2.7	100.2	0.8	195.
3.0	15.3	1114.1	875.0	-6.6	-6.6	57.4	2.4	-2.1	-1.3	277.3	284.3	2.7	100.1	0.9	201.
3.4	17.4	1340.4	850.0	-6.7	-6.7	127.4	2.5	0.8	-2.4	279.5	286.7	2.7	100.1	1.0	202.
4.5	19.7	1574.1	825.0	-7.2	-7.2	132.7	4.3	1.6	-4.0	281.4	288.6	2.7	99.8	1.1	196.
5.2	21.9	1814.0	800.0	-7.4	-7.4	152.0	4.3	0.9	-4.3	283.6	291.0	2.7	99.5	1.3	192.
6.1	24.1	2041.7	775.0	-7.4	-7.4	181.4	4.4	2.1	-1.8	286.2	294.0	2.8	99.5	1.4	188.
6.9	26.6	2317.3	750.0	-7.9	-8.0	203.0	4.4	4.7	-1.1	288.3	296.0	2.8	99.4	1.5	180.
7.8	29.1	2540.7	725.0	-9.0	-9.2	242.7	4.5	4.4	-1.0	289.9	297.2	2.6	98.8	1.6	171.
8.7	31.7	2811.6	700.0	-10.3	-10.5	277.4	4.5	4.5	-0.6	291.4	298.3	2.5	98.4	1.6	164.
9.4	34.1	3131.1	675.0	-12.0	-12.3	273.4	5.1	5.1	-0.3	292.5	298.7	2.2	97.6	1.7	157.
10.3	36.4	3415.9	650.0	-14.1	-14.4	269.1	5.7	5.7	0.1	293.3	298.8	1.9	97.3	1.9	149.
11.3	39.9	3715.8	625.0	-16.1	-16.5	265.4	6.2	6.1	0.5	294.2	299.1	1.7	96.8	2.1	140.
12.3	42.2	4022.4	600.0	-18.3	-18.8	261.4	6.7	6.6	1.0	295.1	299.3	1.4	95.6	2.3	133.
13.7	45.1	4344.9	575.0	-20.7	-21.6	257.4	7.4	7.3	1.6	295.8	299.3	1.2	92.4	2.5	126.
14.1	48.1	4664.1	550.0	-23.2	-23.9	260.1	7.7	7.5	1.3	296.6	299.7	1.0	94.3	2.8	119.
15.2	51.0	5004.7	525.0	-25.7	-27.2	260.1	10.1	10.0	1.7	297.6	300.0	0.8	87.0	3.3	113.
16.4	54.1	5355.6	500.0	-28.1	-31.7	255.3	12.6	12.2	3.2	298.6	300.3	0.5	72.2	4.0	106.
17.7	57.1	5722.0	475.0	-31.6	-37.1	249.9	14.8	13.4	5.1	298.9	299.9	0.3	57.5	4.9	99.
19.0	60.6	6101.9	450.0	-35.0	-41.7	245.7	15.5	14.1	6.5	299.3	300.0	0.2	49.6	6.0	94.
20.2	64.3	6477.4	425.0	-38.7	-44.4	242.7	16.3	14.5	7.5	299.4	300.0	0.2	51.8	7.0	89.
21.4	67.6	6810.6	400.0	-42.5	-49.9	242.7	16.3	14.4	7.5	299.7	999.9	99.9	999.9	8.3	84.
23.1	71.9	7342.5	375.0	-46.4	-54.4	242.8	16.1	14.3	7.4	300.1	999.9	99.9	999.9	9.6	81.
24.7	75.7	7794.2	350.0	-50.6	-61.7	241.2	15.5	13.5	7.4	300.5	999.9	99.9	999.9	11.1	79.
26.1	79.2	8248.4	325.0	-54.7	-69.9	237.5	14.9	14.3	9.1	301.3	999.9	99.9	999.9	12.5	77.
28.2	83.1	8765.4	300.0	-58.0	-74.9	242.5	17.6	15.0	8.1	307.9	999.9	99.9	999.9	14.4	74.
29.9	87.6	9160.1	275.0	-61.5	-81.5	246.7	19.3	17.8	7.7	313.4	999.9	99.9	999.9	16.3	73.
32.4	92.4	9564.4	250.0	-65.1	-89.9	246.3	22.7	20.8	9.1	324.1	999.9	99.9	999.9	19.0	72.
34.6	97.4	10622.6	225.0	-68.5	-94.9	237.5	25.9	21.8	13.9	336.6	999.9	99.9	999.9	22.3	71.
36.9	102.8	11379.8	200.0	-73.6	-99.9	236.5	28.3	24.1	14.8	348.0	999.9	99.9	999.9	26.5	68.
39.4	109.9	12219.3	175.0	-78.0	-99.9	246.1	32.0	29.3	13.0	362.5	999.9	99.9	999.9	31.9	66.
43.4	115.5	13237.4	150.0	-81.6	-99.9	241.8	36.3	26.7	14.3	381.3	999.9	99.9	999.9	38.5	67.
47.1	123.0	14416.2	125.0	-84.1	-99.9	243.2	35.1	31.3	15.8	397.1	999.9	99.9	999.9	45.8	67.
51.7	131.5	15616.9	100.0	-87.4	-99.9	247.6	28.2	27.0	11.1	416.8	999.9	99.9	999.9	53.6	67.
57.7	140.5	17635.1	75.0	-90.1	-99.9	255.6	23.8	23.1	5.9	447.0	999.9	99.9	999.9	64.4	68.
64.2	150.0	20126.0	50.0	-93.8	-99.9	266.6	29.0	28.9	1.7	493.1	999.9	99.9	999.9	77.1	69.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 605  
GREEN RAY, WIS  
6 FEBRUARY 1975  
516 GMT

TIME MIN	CNTCT	WGTGHT GON	PRFS MB	TEMP DG C	REL PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NR STD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	210.0	900.0	-0.4	-5.5	205.0	0.5	0.5	-0.1	270.3	276.4	2.6	92.0	0.0	0.
0.9	99.3	92.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	8.0	200.0	975.0	-0.5	99.9	240.7	2.6	2.3	1.1	270.6	999.9	99.9	999.9	0.2	167.
1.3	10.2	493.6	940.0	-5.0	-5.4	999.9	99.9	99.9	99.9	272.5	279.4	2.7	96.8	999.9	999.9
1.0	12.1	702.0	925.0	-5.9	-6.1	999.9	99.9	99.9	99.9	273.6	280.2	2.5	95.7	999.9	999.9
2.4	14.5	917.1	900.0	-7.3	-7.4	34.7	5.9	-3.4	-4.8	274.2	280.4	2.4	96.7	0.7	107.
7.5	16.5	1110.5	875.0	-7.9	-8.4	10.7	5.5	-1.8	-5.2	275.9	282.0	2.3	95.7	0.9	194.
4.5	18.9	1161.6	850.0	-8.6	-9.7	4.3	4.5	-0.3	-4.5	277.4	283.4	2.2	95.3	1.2	192.
5.3	21.1	1492.0	825.0	-10.0	-10.7	358.7	4.4	0.1	-4.4	279.3	283.9	2.1	94.5	1.4	191.
6.2	23.4	1479.7	800.0	-11.0	-11.5	334.4	3.4	1.5	-3.1	279.6	285.0	2.0	96.3	1.6	188.
7.2	25.3	2073.7	775.0	-12.7	-12.4	312.4	3.3	2.4	-2.3	281.0	286.1	1.9	96.2	1.8	183.
8.1	27.4	2374.4	750.0	-13.5	-14.1	319.3	4.4	2.9	-3.3	282.1	286.8	1.7	95.4	1.9	179.
9.2	30.9	2541.3	725.0	-14.0	-14.7	322.5	5.0	3.0	-4.7	284.3	289.0	1.7	94.6	2.2	174.
10.1	33.3	2747.2	700.0	-15.5	-16.1	319.1	5.6	3.7	-4.2	285.5	289.8	1.5	94.7	2.5	169.
11.2	36.0	3121.5	675.0	-16.0	-16.8	297.7	3.6	3.2	-1.7	287.9	292.3	1.5	93.2	2.7	166.
12.4	38.4	3475.0	650.0	-17.9	-18.0	285.5	4.3	4.1	-1.1	288.8	292.6	1.3	91.0	2.8	161.
13.5	41.1	3697.7	625.0	-17.5	-21.0	297.6	4.6	4.3	-1.4	290.2	293.6	1.1	87.9	3.1	156.
14.8	44.1	3904.0	600.0	-21.9	-23.1	279.6	5.4	5.3	-0.9	290.9	293.8	1.0	89.7	3.3	151.
15.9	47.0	4314.0	575.0	-23.5	-24.4	270.4	6.6	6.5	-1.1	292.5	295.1	0.9	87.9	3.6	146.
17.2	49.4	4616.1	550.0	-25.1	-26.7	268.8	7.1	7.1	0.2	294.1	296.5	0.8	87.9	3.9	140.
18.4	52.6	4972.0	525.0	-26.0	-29.5	267.9	8.0	8.0	0.3	294.8	296.7	0.6	86.8	4.3	134.
19.7	55.7	5320.6	500.0	-30.7	-32.1	267.7	9.3	9.3	0.4	295.7	297.3	0.5	87.3	4.8	128.
21.0	58.1	5687.7	475.0	-33.4	-35.0	273.1	10.1	10.1	-0.5	296.6	297.9	0.4	85.7	5.4	123.
22.5	62.1	6050.7	450.0	-36.3	-41.1	271.7	10.9	10.9	-0.3	297.6	298.4	0.2	81.0	6.2	119.
24.0	65.4	6454.1	425.0	-39.5	-44.1	274.6	12.3	12.3	-1.0	298.4	299.9	99.9	99.9	7.1	115.
25.5	68.4	6814.5	400.0	-44.4	-49.1	272.5	11.5	11.5	-0.5	298.6	299.9	99.9	99.9	8.2	112.
27.1	72.1	7244.5	375.0	-46.9	-54.9	275.1	11.6	11.6	-1.0	299.5	299.9	99.9	99.9	9.4	110.
29.1	76.2	7750.1	350.0	-50.1	-59.9	276.0	10.7	10.7	-1.1	300.8	299.9	99.9	99.9	10.5	108.
30.9	80.1	8274.6	325.0	-54.7	-64.9	264.5	12.9	12.9	1.2	302.0	299.9	99.9	99.9	11.7	107.
32.4	84.2	8712.0	300.0	-58.2	-69.1	264.4	13.9	13.9	1.4	303.3	299.9	99.9	99.9	13.1	104.
34.8	88.1	9242.8	275.0	-60.7	-74.9	266.2	16.7	16.6	1.1	308.0	299.9	99.9	99.9	14.9	102.
37.0	93.0	9774.9	250.0	-59.2	-79.9	253.7	15.0	14.4	4.3	318.0	299.9	99.9	99.9	16.8	99.
39.3	97.6	10243.7	225.0	-54.0	-84.9	241.5	14.6	16.7	8.3	332.7	299.9	99.9	99.9	18.9	95.
42.3	102.4	11247.4	200.0	-53.2	-89.1	254.9	14.8	14.2	4.9	344.6	299.9	99.9	99.9	22.0	91.
45.6	108.5	12156.7	175.0	-53.5	-94.9	250.5	15.1	14.2	5.0	361.6	299.9	99.9	99.9	25.2	89.
49.3	114.5	13150.9	150.0	-53.0	-99.9	249.5	14.4	14.2	6.8	378.8	299.9	99.9	99.9	28.8	86.
53.4	121.3	14322.7	125.0	-53.1	-99.1	255.1	19.9	14.2	5.1	398.9	299.9	99.9	99.9	33.6	85.
58.6	128.7	15748.7	100.0	-54.0	-94.9	262.8	23.1	22.9	2.9	419.0	299.9	99.9	99.9	40.2	83.
64.8	136.7	17558.4	75.0	-59.0	-99.9	254.3	20.0	19.2	5.4	449.3	299.9	99.9	99.9	47.8	83.
72.4	144.7	20081.1	50.0	-62.8	-99.9	274.9	21.5	21.5	-1.8	495.6	299.9	99.9	99.9	57.4	83.
82.6	153.1	24309.7	25.0	-66.6	-99.9	999.9	99.9	99.9	99.9	503.7	299.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MURKIN, S D  
6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIV DG	SPEED M/SEC	U CORP M/SEC	V CORP M/SEC	PUT T DG K	E POT T DG K	MI RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	7.0	342.0	970.0	-18.5	-20.5	300.0	7.7	4.7	-3.8	256.3	257.7	0.5	59.0	0.0	0.
0.0	99.0	422.6	1300.0	99.0	99.0	64.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.2	7.0	422.6	970.0	-18.5	-23.1	311.2	13.9	10.5	-9.2	256.4	258.2	0.6	67.1	0.2	100.
0.4	10.1	616.1	950.0	-19.2	-23.0	317.6	16.1	10.9	-11.9	257.8	259.4	0.6	71.8	0.6	129.
1.5	12.0	616.2	925.0	-19.1	-26.1	335.9	16.4	6.7	-11.9	259.4	261.1	0.5	54.2	1.3	137.
2.2	14.3	1018.5	900.0	-18.9	-27.8	347.7	14.6	3.1	-14.2	262.6	263.8	0.4	44.9	1.0	147.
2.9	16.4	1276.7	975.0	-18.7	-25.8	345.9	15.0	3.7	-14.5	264.4	265.8	0.5	53.6	2.4	152.
3.6	18.3	1448.6	950.0	-19.3	-27.4	342.8	15.0	4.7	-15.3	266.8	267.3	0.5	48.6	3.2	155.
4.6	20.8	1667.0	825.0	-18.1	-28.2	343.6	14.9	4.1	-14.3	269.5	270.8	0.5	40.6	4.0	157.
5.3	23.2	1847.2	800.0	-17.4	-28.0	336.6	13.7	5.4	-12.6	272.7	274.3	0.6	40.9	4.7	157.
6.1	25.1	2136.0	750.0	-15.7	-29.1	324.4	14.2	8.5	-13.6	277.0	278.3	0.4	30.7	5.3	157.
6.8	27.7	2413.5	750.0	-15.1	-31.5	315.0	13.8	9.8	-9.7	280.2	281.1	0.3	19.0	5.9	155.
7.7	30.3	2613.9	725.0	-15.1	-23.6	308.2	13.4	10.5	-8.3	282.9	284.9	0.7	40.1	6.5	152.
8.8	32.9	2805.0	700.0	-15.5	-23.1	306.0	13.7	10.9	-8.2	285.4	287.9	0.9	52.2	7.3	150.
9.7	35.4	3174.4	675.0	-16.5	-22.9	302.5	13.3	11.2	-7.1	287.3	289.9	0.9	57.7	8.0	147.
10.7	37.9	3452.4	650.0	-16.6	-22.5	295.7	13.0	11.7	-5.6	288.1	290.9	1.0	70.8	8.7	145.
11.7	40.3	3753.7	625.0	-20.5	-22.0	290.8	14.4	13.0	-6.0	289.1	292.2	1.0	87.6	9.4	142.
12.6	43.2	4054.7	600.0	-22.7	-23.6	295.3	14.4	13.0	-6.2	290.0	292.8	0.9	92.5	10.1	140.
13.7	46.1	4344.5	575.0	-25.2	-25.1	291.3	14.7	11.6	-5.5	290.5	293.0	0.8	99.2	11.0	138.
14.6	49.3	4617.4	550.0	-26.9	-30.5	290.4	15.8	14.7	-5.4	292.2	293.9	0.5	71.2	11.9	136.
16.3	51.3	5071.1	525.0	-29.5	-35.3	290.3	16.3	15.3	-5.7	293.0	294.1	0.3	55.2	12.9	134.
17.1	54.1	5344.0	500.0	-31.9	-41.9	287.4	16.3	15.6	-5.0	294.1	294.7	0.2	36.1	13.9	132.
18.4	57.9	5729.2	475.0	-35.0	-45.5	289.0	16.7	15.4	-5.4	294.7	295.1	0.1	33.0	15.1	130.
19.7	61.0	6102.4	450.0	-38.5	-48.1	288.5	17.1	16.2	-5.4	294.8	295.1	0.1	33.5	16.3	128.
21.0	64.3	6472.7	425.0	-41.4	99.9	290.3	17.9	17.0	-5.6	295.5	299.9	99.9	99.9	17.0	127.
22.5	67.4	6900.9	400.0	-45.1	99.9	290.6	19.0	16.4	-5.3	296.4	299.9	99.9	99.9	19.2	125.
24.2	70.9	7344.5	375.0	-48.8	99.9	291.4	19.5	17.8	-7.9	297.8	299.9	99.9	99.9	20.9	124.
25.6	74.3	7777.9	350.0	-52.1	99.9	295.0	19.4	17.9	-8.6	298.4	299.9	99.9	99.9	22.6	123.
27.3	78.5	8255.4	325.0	-54.4	99.9	317.5	17.2	17.1	-9.0	301.6	299.9	99.9	99.9	24.0	124.
29.2	82.1	8744.2	300.0	-54.9	99.9	334.2	11.6	9.1	-10.9	305.2	299.9	99.9	99.9	25.2	125.
31.1	86.4	9318.9	275.0	-58.0	99.9	325.5	12.9	7.3	-10.6	311.2	299.9	99.9	99.9	26.2	126.
33.2	91.0	9418.3	250.0	-58.4	99.9	325.7	12.6	7.1	-10.4	319.2	299.9	99.9	99.9	27.7	127.
35.8	95.4	10508.1	225.0	-54.0	99.9	299.9	13.2	11.4	-8.6	335.7	299.9	99.9	99.9	29.7	128.
38.7	100.4	11416.6	200.0	-51.6	99.9	304.2	16.0	13.2	-9.0	347.9	299.9	99.9	99.9	32.0	127.
41.9	106.5	12185.7	175.0	-54.4	99.9	306.4	19.0	15.1	-11.3	340.1	299.9	99.9	99.9	35.0	127.
45.3	112.5	13140.2	150.0	-54.1	99.9	306.7	14.7	11.8	-8.8	378.6	299.9	99.9	99.9	38.5	127.
49.6	119.3	14354.0	125.0	-54.8	99.9	293.3	15.0	13.0	-8.9	397.9	299.9	99.9	99.9	42.0	126.
54.5	127.0	15787.9	100.0	-55.2	99.9	302.2	14.5	12.1	-7.7	421.0	299.9	99.9	99.9	46.2	126.
60.4	135.7	17621.7	75.0	-54.8	99.9	377.4	15.2	12.1	-6.2	453.9	299.9	99.9	99.9	51.3	126.
66.0	144.3	21814.4	50.0	-60.7	99.9	312.3	14.2	10.5	-6.0	500.9	299.9	99.9	99.9	56.2	126.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 PV TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN  
6 FEBRUARY 1975  
SIS GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPLD M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DEG K	E POI T DEG K	MR RTO CM/KG	RM PCY	RANGE KM	AZ DEG
00	00	310.0	902.1	-17.0	-20.1	310.0	5.1	3.9	-3.3	257.0	259.0	0.0	77.0	0.0	0
00.9	00.9	309.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.2	7.3	170.6	975.0	-15.9	-20.0	294.1	6.7	7.9	-3.6	299.2	261.3	0.0	70.3	0.3 130	0
1.0	9.1	565.7	950.0	-17.5	-19.5	305.7	11.4	9.6	-6.9	29.6	261.9	0.0	87.4	0.5 132	0
1.9	15.1	765.0	925.0	-18.5	-20.5	175.7	15.9	8.9	-13.2	260.4	262.0	0.0	85.0	1.3 132	0
2.7	13.3	970.8	900.0	-16.4	-22.3	320.3	16.3	0.6	-13.9	264.7	266.0	0.7	59.7	2.1 130	0
3.5	15.4	1102.3	875.0	-17.7	-23.5	327.5	16.0	8.6	-13.5	265.5	267.3	0.7	59.9	2.8 141	0
4.3	17.4	1709.4	850.0	-16.2	-24.2	322.6	15.3	9.3	-12.1	269.5	271.0	0.6	59.2	3.5 142	0
5.0	19.3	1825.0	825.0	-15.1	-25.1	321.3	12.9	8.1	-10.1	272.7	276.2	0.5	30.4	4.2 142	0
5.9	22.3	1857.6	800.0	-14.1	-27.9	308.1	14.7	11.5	-9.1	276.2	277.6	0.5	29.9	5.9 141	0
6.9	26.4	2049.7	775.0	-14.9	-21.1	242.4	13.9	12.4	-5.3	277.0	280.4	0.9	56.7	5.7 138	0
7.7	26.5	2347.1	750.0	-14.8	-20.5	269.6	15.5	14.6	-5.2	280.7	283.5	1.0	62.3	6.4 135	0
8.5	29.1	2603.6	725.0	-15.0	-15.1	284.3	15.7	15.2	-3.9	283.2	287.7	1.6	100.1	7.1 132	0
9.5	31.7	2908.4	700.0	-15.8	-16.7	241.5	15.2	14.9	-3.0	285.1	289.3	1.5	92.8	7.6 129	0
10.4	34.3	3142.6	675.0	-16.9	-18.9	241.4	16.6	14.2	-3.3	286.8	290.5	1.3	84.5	8.6 126	0
11.4	36.9	3425.7	650.0	-14.6	-22.0	240.9	17.9	17.4	-3.6	288.2	291.2	1.0	73.0	9.6 123	0
12.5	39.4	3717.1	625.0	-20.2	-21.7	274.9	18.6	18.5	-1.5	289.5	292.6	1.1	87.8	10.6 121	0
13.5	42.0	4010.1	600.0	-27.5	-24.4	273.5	19.1	19.1	-1.2	290.1	292.7	0.0	81.1	11.6 118	0
14.6	44.9	4129.5	575.0	-24.8	-28.3	273.0	18.5	18.5	-1.0	291.0	293.0	0.7	74.5	12.8 116	0
15.8	47.7	4651.7	550.0	-27.3	-29.5	271.6	21.0	21.0	-0.6	291.7	293.5	0.6	81.2	14.1 113	0
17.0	50.7	4946.7	525.0	-29.5	-36.2	270.7	21.6	21.6	-0.3	292.9	296.0	0.3	52.2	15.6 111	0
18.5	53.4	5111.2	500.0	-32.2	-41.3	272.0	23.2	23.1	-0.8	293.8	294.5	0.2	39.6	17.4 109	0
20.0	56.3	5691.3	475.0	-34.9	-45.2	272.0	25.0	25.0	-0.9	294.7	295.2	0.1	33.6	19.5 107	0
21.6	60.1	6355.6	450.0	-37.9	-48.7	268.1	23.1	23.1	1.6	295.5	295.9	0.1	32.6	21.4 106	0
23.0	63.0	6657.9	425.0	-41.1	-49.9	267.2	24.0	24.0	0.7	296.3	299.9	99.9	99.9	23.7 104	0
25.1	67.0	6807.0	400.0	-44.4	-49.9	267.3	25.5	25.5	1.2	297.3	299.9	99.9	99.9	26.6 102	0
27.0	70.6	7236.8	375.0	-47.6	-49.9	268.4	23.9	23.9	1.5	298.6	299.9	99.9	99.9	29.4 100	0
28.7	74.3	7741.6	350.0	-51.3	-49.9	269.3	23.9	23.9	0.3	299.6	299.9	99.9	99.9	31.8 99	0
30.6	78.3	8246.9	325.0	-54.4	-49.9	242.3	24.2	21.7	-4.7	301.7	299.9	99.9	99.9	33.8 99	0
31.9	82.5	8735.2	300.0	-57.6	-49.9	243.7	18.1	16.3	-7.9	304.2	299.9	99.9	99.9	36.7 100	0
34.3	86.3	8282.8	275.0	-54.7	-49.9	243.1	16.2	15.8	-3.7	310.2	299.9	99.9	99.9	37.9 101	0
36.6	91.6	8861.8	250.0	-58.7	-49.9	282.6	14.3	14.0	-3.1	318.9	299.9	99.9	99.9	40.2 101	0
39.9	94.4	10547.5	225.0	-55.5	-49.9	274.7	16.5	16.5	-1.3	333.5	299.9	99.9	99.9	43.2 101	0
43.2	102.3	11333.6	200.0	-52.5	-49.9	272.5	16.3	16.3	-0.7	349.7	299.9	99.9	99.9	46.0 100	0
46.9	108.3	12152.4	175.0	-53.7	-49.9	285.4	16.5	14.0	-3.8	361.3	299.9	99.9	99.9	49.6 100	0
51.2	114.7	13153.9	150.0	-53.9	-49.9	288.1	18.1	9.6	-3.1	377.3	299.9	99.9	99.9	53.2 101	0
56.1	122.0	14325.4	125.0	-53.7	-49.9	288.8	15.9	15.0	-0.3	397.8	299.9	99.9	99.9	56.7 100	0
62.0	130.7	15753.0	100.0	-54.5	-49.9	293.1	13.0	12.9	-2.1	422.7	299.9	99.9	99.9	61.9 100	0
69.1	140.3	17581.8	75.0	-58.7	-49.9	293.3	14.9	13.7	-5.9	450.9	299.9	99.9	99.9	67.6 101	0
79.3	151.3	20116.4	50.0	-61.9	-49.9	297.4	15.5	13.7	-7.2	492.6	299.9	99.9	99.9	77.3 102	0
90.9	162.7	24360.7	25.0	-67.2	-49.9	283.3	33.9	13.0	-7.8	592.0	299.9	99.9	99.9	94.3 102	0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 662  
RAPID CITY, S D  
6 FEBRUARY 1975  
515 GMT

TAF FIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED K/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GMS	RM PCT	RANGE KM	AZ DEG
0.0	1.2	940.3	713.6	-19.4	-25.5	260.0	1.4	1.5	0.3	260.5	261.9	99.9	50.0	0.0	0.0
0.0	9.0	940.3	1030.3	99.9	99.9	99.9	99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.0	940.3	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.0	940.3	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.0	940.3	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	14.5	1077.7	900.0	-19.3	-23.7	999.9	99.9	99.9	99.9	261.7	263.4	0.0	67.6	999.9	99.9
1.0	16.5	1247.0	875.0	-19.6	-23.7	999.9	99.9	99.9	99.9	263.5	265.3	0.0	69.6	999.9	99.9
1.7	18.5	1512.6	850.0	-14.5	-21.4	999.9	99.9	99.9	99.9	265.8	267.6	0.7	68.4	999.9	99.9
2.7	21.5	1721.9	825.0	-20.5	-26.0	999.9	99.9	99.9	99.9	267.0	268.5	0.5	61.1	999.9	99.9
3.5	23.5	1952.0	800.0	-19.6	-26.0	999.9	13.5	7.6	-11.2	270.4	271.9	0.5	52.0	1.9	146.0
4.7	25.0	2194.7	775.0	-17.7	-27.2	325.4	15.6	8.9	-12.9	274.8	276.3	0.5	43.1	2.6	146.0
5.0	26.3	2414.6	750.0	-16.7	-24.1	317.0	15.7	10.7	-11.1	279.4	279.9	0.5	36.5	3.3	143.0
5.6	30.3	2740.1	725.0	-15.6	-24.4	312.4	16.9	12.5	-11.4	282.5	284.5	0.7	44.5	4.1	143.0
6.4	33.1	2974.1	700.0	-16.7	-25.6	310.9	17.5	13.3	-11.5	284.1	286.1	2.7	45.5	6.9	141.0
7.6	35.5	3220.4	675.0	-18.7	-24.2	308.1	16.5	12.4	-10.2	284.8	286.4	0.5	42.6	6.9	139.0
8.6	36.1	3500.9	650.0	-20.7	-35.1	306.3	14.3	11.5	-8.5	285.5	286.5	0.3	26.9	6.9	137.0
9.7	40.7	3710.1	625.0	-22.3	-40.9	307.8	14.8	11.7	-9.1	286.9	287.3	0.1	10.7	7.7	136.0
10.4	41.4	4025.1	600.0	-23.0	-40.9	304.0	15.9	12.9	-9.4	288.4	288.6	0.1	7.9	8.6	135.0
11.6	46.2	4404.3	575.0	-26.2	-50.7	304.0	16.2	13.5	-9.1	289.3	289.5	0.1	8.3	9.5	134.0
12.4	46.1	4744.7	550.0	-24.7	-50.3	300.0	16.5	14.3	-8.2	290.0	290.2	0.1	9.5	10.5	133.0
13.7	52.3	5055.6	525.0	-31.2	-54.4	294.6	18.8	17.1	-7.9	293.9	291.0	0.0	8.1	11.6	132.0
15.0	55.3	5400.0	500.0	-31.1	-55.2	289.0	20.6	19.5	-6.7	292.4	292.5	0.0	6.9	13.0	129.0
16.1	58.0	5750.0	475.0	-36.0	-57.0	289.2	20.4	17.8	-9.9	291.4	293.6	0.0	9.3	14.4	128.0
17.7	61.3	6112.9	450.0	-37.7	-57.8	322.3	16.7	9.9	-12.8	295.8	295.9	0.0	10.1	15.7	128.0
18.3	64.7	6525.2	425.0	-40.2	-59.7	347.9	16.0	3.4	-15.7	297.5	999.9	99.9	999.9	16.7	130.0
19.1	69.3	6936.2	400.0	-42.7	-59.7	5.3	17.7	-1.6	-17.6	299.3	999.9	99.9	999.9	17.6	133.0
21.4	71.1	7309.0	375.0	-45.6	-59.9	2.8	19.2	-0.9	-19.2	301.3	999.9	99.9	999.9	18.7	137.0
22.6	75.2	7670.8	350.0	-48.1	-59.9	3.9	19.5	-2.0	-20.1	302.5	999.9	99.9	999.9	19.8	141.0
23.7	79.2	8070.1	325.0	-52.8	-59.9	1.1	18.3	-0.4	-18.3	303.4	999.9	99.9	999.9	21.2	144.0
25.7	83.0	8419.0	300.0	-56.4	-59.9	0.7	18.0	1.5	-18.0	305.8	99.9	99.9	999.9	22.5	147.0
27.3	87.2	8767.7	275.0	-57.9	-59.9	0.7	18.0	1.5	-18.0	311.4	999.9	99.9	999.9	24.1	149.0
29.1	92.3	9069.3	250.0	-57.0	-59.9	300.3	17.9	6.0	-16.9	320.5	999.9	99.9	999.9	25.9	151.0
31.4	94.6	9367.0	225.0	-54.7	-59.9	323.6	21.1	12.5	-17.0	332.2	999.9	99.9	999.9	27.9	151.0
33.2	101.6	9637.3	200.0	-54.0	-59.9	27.9	20.2	10.7	-17.1	340.8	999.9	99.9	999.9	30.5	150.0
35.6	107.5	9924.7	175.0	-54.0	-59.9	330.1	19.7	9.8	-17.1	360.8	999.9	99.9	999.9	33.4	150.0
38.3	113.5	10219.4	150.0	-53.0	-59.9	131.3	19.5	9.4	-17.1	377.7	999.9	99.9	999.9	36.7	150.0
41.6	120.3	10401.6	125.0	-55.2	-59.9	324.2	19.8	11.4	-16.1	395.0	999.9	99.9	999.9	40.4	150.0
45.4	127.7	10470.3	100.0	-55.7	-59.9	321.6	19.5	11.4	-16.5	420.1	999.9	99.9	999.9	44.9	148.0
50.2	135.9	10648.5	75.0	-58.8	-59.9	321.1	21.5	12.9	-17.2	449.7	999.9	99.9	999.9	49.4	148.0
57.1	147.3	20203.4	50.0	-60.0	-59.9	317.1	13.0	6.8	-9.5	502.1	999.9	99.9	999.9	56.0	147.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE (P TIME HAVE BEEN INTERPOLATED)  
90 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
515 GMT

TIME MIN	CNCT	HEIGHT GPM	DRYS W3	TEMP DG C	DEW PT DG C	DIR DG	WSPED M/S/C	U COMP M/S/C	V COMP M/S/C	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	993.0	6.3	5.7	240.0	0.5	0.4	0.3	260.8	295.5	5.8	96.0	0.0	0.
9.9	99.9	91.9	1.000.0	94.9	99.9	99.9	94.9	99.9	91.9	94.9	999.9	99.9	999.9	999.9	99.9
0.6	7.3	330.7	975.0	7.2	5.9	274.7	10.2	40.2	-0.8	283.2	298.6	6.0	91.4	0.3	77.
1.4	9.9	549.6	950.0	6.9	2.9	270.9	12.7	12.7	-0.2	284.8	297.9	5.0	75.6	0.8	88.
2.4	11.9	763.5	925.0	5.4	1.2	269.0	12.0	12.0	0.2	285.4	297.3	4.5	74.3	1.8	89.
3.4	14.2	900.0	900.0	3.4	0.7	263.7	11.1	11.0	1.2	285.5	297.4	4.5	82.6	2.2	88.
4.4	16.2	1215.0	875.0	1.7	0.6	256.2	12.1	11.7	2.9	286.1	298.3	4.6	92.4	2.9	86.
5.4	18.5	1488.4	850.0	0.3	-2.7	260.7	12.4	12.2	2.0	286.9	298.9	3.7	80.3	-0.6	84.
6.2	20.7	1687.2	825.0	-1.6	-5.0	264.0	12.3	12.2	1.3	287.3	296.0	3.2	77.3	4.3	84.
7.3	23.0	1931.2	800.0	-3.7	-5.4	265.7	12.1	12.1	0.9	287.6	296.3	3.2	87.9	5.0	84.
8.3	25.3	2132.3	775.0	-3.7	-11.8	265.6	15.4	15.4	1.2	290.1	295.8	2.0	53.5	5.8	84.
9.2	27.7	2440.9	750.0	-4.9	-11.2	265.4	17.4	17.3	1.4	291.5	297.6	2.2	61.4	6.8	84.
10.1	30.2	2706.4	725.0	-7.2	-15.1	266.9	18.6	18.6	1.0	291.7	296.6	1.7	55.2	7.9	85.
11.2	32.8	2974.4	700.0	-9.3	-25.0	264.0	19.3	19.2	2.0	292.3	294.5	0.7	28.5	9.0	85.
12.4	35.3	3254.4	675.0	-10.8	-28.4	260.5	19.4	19.1	3.2	293.6	295.3	0.5	21.9	10.4	84.
13.7	37.4	3541.6	650.0	-12.4	-36.7	259.7	20.0	19.6	3.6	295.0	295.8	0.2	11.0	12.0	84.
15.0	40.5	3847.3	625.0	-14.2	-40.2	260.9	21.8	21.5	3.4	296.2	296.8	0.2	8.9	13.4	83.
16.3	43.1	4155.8	600.0	-15.7	-34.4	261.2	27.8	27.5	4.3	298.0	299.0	0.3	17.5	15.4	83.
17.6	46.1	4476.7	575.0	-16.0	-35.6	258.2	38.0	37.2	7.6	301.3	302.3	0.3	16.5	17.9	83.
18.7	49.1	4811.7	550.0	-16.2	-27.4	253.7	45.1	43.3	12.7	304.9	307.1	0.7	36.2	20.7	82.
19.8	51.4	5140.1	525.0	-19.0	-24.4	251.4	40.8	38.7	13.0	305.6	308.7	1.0	60.1	23.6	81.
21.2	55.1	5521.1	500.0	-22.0	-25.4	254.7	48.6	46.9	12.9	306.3	309.4	1.0	73.8	27.3	80.
22.3	58.1	5897.5	475.0	-23.4	-27.9	250.1	42.7	40.1	14.5	309.1	311.7	0.8	66.1	31.3	9.
24.6	61.6	6291.1	450.0	-26.0	-32.6	245.9	17.0	34.6	15.5	310.6	312.5	0.6	54.3	36.1	77.
26.2	65.1	6702.9	425.0	-28.5	-38.1	237.9	29.5	25.0	15.7	312.5	313.6	0.3	38.8	38.7	76.
27.6	68.6	7114.1	400.0	-32.3	-44.0	245.9	52.0	45.0	21.5	312.9	313.6	0.2	30.0	42.6	75.
30.4	72.1	7565.5	375.0	-36.7	-46.6	246.9	61.9	58.8	25.1	313.0	314.2	0.1	34.6	48.6	74.
31.3	76.2	8058.8	350.0	-41.1	99.9	246.3	68.1	60.5	26.6	313.3	313.3	99.9	99.9	56.1	73.
33.1	80.3	8554.5	325.0	-44.9	99.9	244.9	46.1	41.8	19.6	314.8	314.8	99.9	99.9	63.1	72.
35.1	84.6	9040.4	300.0	-47.7	99.9	241.9	24.2	21.4	11.4	319.2	319.2	99.9	99.9	65.9	72.
37.3	89.0	9630.2	275.0	-52.4	99.9	245.3	16.8	14.9	6.8	319.4	319.4	99.9	99.9	69.4	71.
39.6	94.0	10209.5	250.0	-56.8	99.9	244.3	56.1	50.6	24.3	321.7	321.7	99.9	99.9	75.8	71.
41.8	99.1	10976.5	225.0	-56.8	99.9	245.0	79.9	72.6	32.7	331.5	331.5	99.9	99.9	84.9	70.
44.3	105.0	11674.3	200.0	-54.5	99.9	234.3	55.0	46.8	28.9	338.5	338.5	99.9	99.9	92.7	70.
47.3	111.0	12525.5	175.0	-54.9	99.9	246.7	64.1	63.5	27.3	359.3	359.3	99.9	99.9	109.6	69.
50.8	118.0	13510.6	150.0	-56.9	99.9	163.4	74.8	-2.1	7.1	372.0	372.0	99.9	99.9	130.5	68.
54.6	126.0	14648.3	125.0	-62.6	99.9	237.4	26.9	22.7	14.5	381.7	381.7	99.9	99.9	137.9	68.
59.7	135.0	16010.0	100.0	-62.9	99.9	240.6	13.3	11.6	6.5	406.1	406.1	99.9	99.9	142.4	67.
65.4	148.0	17749.0	75.0	-65.5	99.9	62.2	9.1	-8.1	-4.3	435.6	435.6	99.9	99.9	130.6	67.
73.2	154.5	20262.0	50.0	-66.6	99.9	53.7	2.8	-1.9	-1.1	486.6	486.6	99.9	99.9	137.3	67.
85.3	166.0	24481.8	25.0	-65.7	99.9	247.7	62.1	57.4	23.5	505.9	505.9	99.9	99.9	170.3	67.

\* BY SPOD MEANS. ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS. TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS. ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

Sounding Data

6 February 1975

1200 GMT

**PRECEDING PAGE BLANK NOT FILMED**



STATION NO. 208  
CHARLESTON, SC6 FEBRUARY 1975  
1115 GMT

TIME MIN	CATY	HEIGHT GPM	PRLS MH	TEMP DG C	QW PT MG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT 1 DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	101.5	1011.5	9.4	8.3	190.0	2.0	0.5	2.6	282.5	299.9	0.8	93.0	0.0	0.
0.3	5.8	104.4	1000.0	10.7	8.4	249.0	5.5	5.2	2.0	284.7	302.6	6.9	85.9	0.2	28.
1.1	7.9	320.6	975.0	13.9	3.7	270.9	7.3	7.3	-0.1	289.9	303.6	5.1	50.3	0.4	56.
1.8	10.1	530.4	950.0	13.7	3.1	282.1	11.1	10.9	-2.3	291.7	303.3	5.0	48.7	0.8	78.
2.8	12.2	765.0	925.0	12.0	4.7	275.0	11.6	11.5	-1.0	292.3	307.9	5.8	61.0	1.4	89.
3.5	14.5	993.0	900.0	10.2	4.6	258.9	14.4	14.1	2.8	293.1	315.2	8.4	96.2	2.0	88.
4.3	16.5	1227.5	875.0	8.9	8.4	250.5	17.6	16.6	5.9	294.1	315.2	8.0	96.8	2.8	84.
5.2	18.9	1467.2	850.0	7.0	5.7	243.2	18.1	16.8	6.7	294.4	312.6	6.8	90.9	3.7	80.
6.0	21.1	1712.7	825.0	6.2	5.0	245.7	18.6	17.0	7.7	296.0	316.1	6.7	92.3	4.6	77.
6.9	23.6	1948.7	800.0	4.3	3.1	244.1	19.6	17.6	8.6	296.5	312.9	6.0	92.4	5.6	75.
7.8	25.9	2227.6	775.0	2.3	1.6	243.2	20.5	18.3	9.3	297.0	312.2	5.6	95.2	6.6	73.
8.9	28.4	2484.4	750.0	4.6	-47.1	241.7	23.8	20.9	11.3	301.6	301.9	0.1	1.0	8.0	72.
9.9	30.9	2764.1	725.0	3.7	-47.6	237.5	25.0	21.1	13.4	303.6	303.8	0.1	1.0	9.5	70.
10.9	33.6	3047.6	700.0	1.4	-30.0	240.9	25.3	22.1	12.3	304.1	303.6	0.5	7.8	11.0	68.
11.9	36.1	3336.8	675.0	-1.2	-23.2	249.0	26.9	25.1	9.6	304.4	307.1	0.9	16.8	12.7	67.
12.9	38.9	3637.9	650.0	-4.3	-20.6	255.1	27.9	27.0	7.2	304.2	307.8	1.1	26.5	14.1	68.
13.9	41.6	3945.7	625.0	-7.0	-13.5	258.7	31.5	30.9	6.2	304.7	311.3	2.2	60.9	15.9	69.
14.8	44.4	4263.0	600.0	-9.0	-19.3	259.5	32.5	32.0	5.9	305.9	310.2	1.4	43.4	17.8	70.
16.0	47.4	4531.5	575.0	-10.7	-32.8	259.1	31.0	30.5	5.8	305.9	308.9	0.4	14.2	19.9	71.
17.3	50.4	4832.3	550.0	-12.5	-29.8	253.7	34.5	33.1	9.7	304.2	311.2	0.6	22.0	22.4	72.
18.5	53.4	5285.7	525.0	-15.1	-30.1	249.7	37.6	35.3	13.0	310.3	312.3	0.6	26.3	25.0	72.
19.5	56.4	5653.2	500.0	-17.1	-31.4	251.7	36.3	34.5	11.4	312.2	316.1	0.6	27.6	28.2	72.
21.2	59.7	6036.5	475.0	-18.9	-41.0	254.2	38.9	37.4	10.6	314.6	315.4	0.2	12.2	31.1	72.
22.6	63.1	6437.1	450.0	-21.6	-54.4	256.5	40.8	39.7	9.5	316.1	316.3	0.0	3.3	34.2	72.
24.1	66.5	6855.6	425.0	-24.7	-56.0	252.9	44.3	37.6	11.6	317.2	317.4	0.0	3.6	38.2	72.
25.9	70.2	7233.1	400.0	-28.8	-51.7	251.0	41.3	39.1	13.4	317.5	317.8	0.1	8.9	42.5	72.
27.6	73.9	7751.4	375.0	-32.6	-51.9	249.5	42.0	39.4	14.7	318.4	317.8	0.1	12.5	46.7	72.
29.4	77.8	8233.4	350.0	-36.9	-58.4	244.7	43.7	39.6	18.7	318.9	313.1	0.0	8.0	51.6	72.
31.5	81.8	8742.3	325.0	-40.4	99.4	241.5	45.7	40.1	21.8	321.0	999.9	99.9	999.9	56.6	71.
33.8	86.2	9283.3	300.0	-44.3	99.9	242.4	50.7	44.9	23.5	322.9	999.9	99.9	999.9	62.6	70.
35.8	90.3	9859.7	275.0	-49.7	99.9	236.9	39.6	33.1	21.6	323.2	999.9	99.9	999.9	69.0	69.
39.5	95.7	10477.8	250.0	-53.3	99.9	236.6	51.8	42.6	28.1	324.9	999.9	99.9	999.9	76.6	68.
41.2	100.7	11153.9	225.0	-55.3	99.9	238.5	64.5	55.0	33.7	333.8	999.9	99.9	999.9	86.9	67.
44.0	106.4	11898.8	200.0	-57.9	99.9	241.2	59.0	51.6	28.4	341.1	999.9	99.9	999.9	95.4	66.
47.9	112.5	12742.9	175.0	-57.8	99.9	241.2	46.5	40.7	22.4	354.5	999.9	99.9	999.9	111.6	66.
52.0	119.0	13704.2	150.0	-61.1	99.9	246.0	43.6	39.4	17.8	364.8	999.9	99.9	999.9	126.6	66.
54.7	126.5	14337.1	125.0	-63.2	99.9	242.4	88.8	78.2	40.9	380.6	999.9	99.9	999.9	147.7	66.
62.0	135.0	16198.0	100.0	-65.4	99.9	245.9	34.9	31.8	14.3	401.4	999.9	99.9	999.9	161.2	65.
68.5	143.3	17918.3	75.0	-68.5	99.9	248.2	62.7	58.2	23.3	420.4	999.9	99.9	999.9	174.5	65.
77.0	151.0	20178.7	50.0	-64.8	99.9	63.0	17.0	-15.1	-7.7	490.8	999.9	99.9	999.9	180.8	65.
90.1	163.3	24008.8	25.0	-60.6	99.9	263.3	28.9	28.7	3.4	611.0	999.9	99.9	999.9	201.8	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1145 GMT

TIME MIN	CMCT	HEIGHT GDM	PHES NR	TEMP DG C	DEW PT DG C	NIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	4.0	1013.0	19.3	14.5	270.0	3.1	2.0	2.4	273.1	327.5	13.4	95.0	0.0	0.
0.6	6.1	124.7	1000.0	19.3	18.1	256.0	7.0	7.6	1.9	274.2	328.3	13.2	92.6	0.1	60.
1.2	8.3	361.2	975.0	19.0	17.5	260.2	9.5	9.4	1.6	290.1	330.2	13.1	91.1	0.5	72.
1.9	10.5	567.2	950.0	19.2	13.8	257.6	9.2	9.0	2.0	298.1	326.1	10.5	70.9	0.9	76.
2.7	12.7	796.6	925.0	18.3	11.2	257.3	8.4	8.2	1.8	299.2	323.6	9.1	63.2	1.3	76.
3.4	15.1	1031.1	900.0	16.7	10.9	253.5	6.7	6.4	1.8	299.9	324.7	9.2	68.8	1.7	77.
4.4	17.2	1270.7	875.0	15.0	7.0	235.7	6.0	4.9	3.4	300.5	324.0	8.6	70.0	2.0	75.
5.2	19.5	1515.4	850.0	13.3	7.7	245.4	7.6	6.9	3.2	301.1	322.6	7.8	69.0	2.3	72.
6.1	21.9	1756.8	825.0	12.0	2.8	248.3	8.1	7.6	3.0	302.0	318.0	5.7	53.4	2.7	72.
6.9	24.5	2024.1	800.0	10.6	0.3	249.7	9.0	8.5	3.1	303.1	317.1	4.9	49.2	3.2	71.
7.8	26.4	2297.5	775.0	8.1	2.7	251.4	9.9	9.4	3.1	303.3	320.2	6.0	68.6	3.7	71.
8.6	28.3	2557.8	750.0	6.0	1.4	252.2	11.9	11.3	3.6	303.8	320.3	5.8	74.4	4.3	71.
9.5	32.3	2933.0	725.0	4.5	-1.3	251.7	13.3	12.6	4.2	305.1	318.6	4.8	65.7	4.9	71.
10.4	36.9	3120.3	700.0	2.4	-2.8	257.0	13.8	13.5	3.1	305.7	318.5	4.4	68.6	5.8	71.
11.5	37.2	3413.6	675.0	0.5	-6.5	262.7	14.0	13.8	1.8	306.6	316.9	3.5	59.9	6.5	73.
12.5	40.1	3715.4	650.0	-1.9	-12.6	262.7	15.0	14.1	1.8	307.3	318.2	2.3	50.2	7.3	74.
13.6	42.8	4028.0	625.0	-3.8	-11.4	262.5	16.2	16.1	2.1	309.2	317.2	2.7	67.0	9.3	76.
14.7	45.8	4347.7	600.0	-6.3	-11.7	257.5	19.2	18.7	3.1	310.3	315.6	2.7	78.0	10.6	76.
15.3	48.1	4579.4	575.0	-8.6	-27.0	259.1	20.1	19.7	3.8	312.9	315.6	0.8	24.1	11.8	77.
16.3	51.6	5021.6	550.0	-9.5	-27.4	252.1	22.1	21.0	6.7	314.7	317.3	0.8	25.1	13.2	78.
17.1	54.9	5191.7	525.0	-11.4	-31.6	253.4	21.6	20.7	6.0	316.3	318.1	0.5	20.6	14.9	78.
18.4	57.4	5754.4	500.0	-13.8	-32.4	255.7	22.4	21.7	5.5	316.9	318.8	0.5	25.5	16.8	76.
20.6	61.1	6141.8	475.0	-17.0	-30.6	252.1	25.5	24.3	7.9	318.4	320.7	0.7	38.4	18.5	76.
22.0	64.5	6345.4	450.0	-19.8	-24.7	250.1	28.3	26.7	9.6	314.3	322.1	0.8	60.6	20.8	75.
23.3	67.9	6467.3	425.0	-23.2	-30.0	242.6	25.5	22.0	11.7	321.0	323.7	0.8	69.9	23.0	74.
24.6	71.2	7404.2	400.0	-26.2	-32.7	230.6	27.8	21.5	17.7	323.0	325.2	0.6	71.1	25.2	73.
26.1	75.0	7471.6	375.0	-29.2	-36.8	231.4	27.5	21.7	17.0	324.1	325.8	0.5	70.5	28.1	70.
28.0	79.3	8367.7	350.0	-33.1	-41.9	237.2	31.9	26.8	17.2	326.3	327.3	0.3	57.0	31.1	69.
29.7	82.4	8824.3	325.0	-36.5	-41.9	237.2	31.9	26.8	17.2	326.3	327.3	0.3	57.0	31.1	69.
31.3	87.0	9477.6	300.0	-41.2	99.9	239.4	40.9	35.3	20.6	327.3	327.3	99.9	99.9	34.3	68.
32.7	91.6	10112.4	275.0	-46.3	99.9	239.4	44.1	38.1	22.1	328.1	328.1	99.9	99.9	39.1	67.
33.4	96.2	13614.7	250.0	-51.0	99.9	239.4	51.6	45.5	28.3	330.2	330.2	99.9	99.9	45.8	66.
38.2	101.3	11117.3	225.0	-54.1	99.9	239.2	51.6	44.3	26.4	335.6	335.6	99.9	99.9	54.3	65.
41.4	106.6	12078.3	200.0	-51.8	99.9	243.7	52.3	46.9	23.2	350.7	350.7	99.9	99.9	64.5	64.
44.7	112.7	12936.0	175.0	-55.6	99.9	245.0	56.6	51.3	23.9	358.2	358.2	99.9	99.9	75.6	64.
48.2	118.3	13404.1	150.0	-62.6	99.9	239.4	55.3	47.6	20.2	362.3	362.3	99.9	99.9	88.5	63.
52.7	124.3	13004.1	125.0	-64.5	99.9	241.7	24.0	21.1	11.4	369.2	369.2	99.9	99.9	106.5	63.
56.6	132.3	16174.8	100.0	-70.4	99.9	241.0	35.1	31.3	16.0	390.8	390.8	99.9	99.9	112.8	63.
63.8	139.5	14030.5	75.0	-70.5	99.9	239.4	22.8	19.6	11.0	425.2	425.2	99.9	99.9	124.8	63.
72.6	147.0	23451.3	50.0	-83.2	99.9	52.4	30.8	-24.4	-18.4	494.5	494.5	99.9	99.9	138.6	63.
85.8	154.7	24705.5	25.0	-57.7	99.9	240.0	33.8	33.2	5.9	619.2	619.2	99.9	99.9	181.8	63.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 213  
WAYCROSS, GA6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HLGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	44.0	1007.4	16.8	16.0	210.0	2.1	1.0	1.8	290.8	320.2	11.4	95.0	0.0	0.
0.2	4.3	109.5	1000.0	16.9	16.3	267.0	9.6	9.6	0.5	291.6	321.9	11.8	96.1	0.1	23.
1.0	6.4	323.1	975.0	15.8	15.4	264.4	11.3	11.2	1.1	292.6	312.0	11.4	97.0	0.5	68.
2.0	8.4	546.0	950.0	14.6	13.9	263.2	11.9	11.9	1.4	293.4	321.0	10.6	95.5	1.1	77.
2.8	10.3	771.5	925.0	13.1	12.5	257.5	12.1	11.8	2.6	294.0	320.0	9.9	96.5	1.7	78.
3.7	13.3	1001.7	900.0	11.0	10.5	252.6	13.2	12.6	4.0	294.0	317.5	8.9	96.5	2.4	77.
4.5	15.2	1217.0	875.0	9.6	9.0	249.0	12.7	11.4	4.6	294.9	317.0	8.3	96.2	3.0	76.
5.5	17.4	1477.4	850.0	8.5	7.9	245.2	14.2	12.9	6.0	295.1	317.3	7.9	96.4	3.8	75.
6.3	19.7	1729.1	825.0	5.9	1.8	242.6	15.8	15.1	7.3	295.5	310.2	5.4	76.0	4.6	72.
7.3	21.9	1975.2	800.0	5.4	-42.8	250.9	16.1	15.2	5.3	297.0	297.9	0.3	4.6	5.4	71.
8.2	24.3	2116.5	775.0	5.2	-46.7	260.7	17.6	17.3	2.9	299.4	299.7	0.1	1.0	6.4	72.
9.3	26.6	2531.1	750.0	4.0	-47.5	256.9	19.2	18.7	4.3	300.9	301.2	0.1	1.0	7.6	74.
10.2	29.1	2776.1	725.0	3.6	-47.7	248.4	21.3	19.8	7.9	303.4	303.7	0.1	1.0	8.7	74.
11.3	31.0	3059.5	700.0	1.7	-47.0	245.1	22.6	20.5	9.4	305.4	304.7	0.1	1.3	10.1	72.
12.5	34.2	3351.0	675.0	-1.1	-26.1	251.9	23.2	22.1	7.2	308.5	306.6	0.7	12.8	11.8	72.
13.7	36.7	3650.7	650.0	-3.4	-23.8	255.0	24.6	23.9	6.4	305.2	308.0	0.9	19.7	13.5	72.
14.9	39.4	3953.7	625.0	-5.8	-17.2	255.2	26.5	25.6	6.8	305.9	311.0	1.6	42.0	15.3	72.
16.1	42.0	4277.8	600.0	-6.6	-11.2	257.5	28.4	27.7	6.1	308.5	314.6	2.7	81.2	17.2	73.
17.2	45.3	4606.5	575.0	-4.3	-21.1	254.9	33.3	32.2	8.7	309.2	311.0	1.2	36.8	19.3	73.
18.5	47.3	4968.8	550.0	-11.5	-30.7	250.0	33.6	31.6	11.5	310.4	312.3	0.6	19.4	22.0	73.
19.9	50.9	5333.7	525.0	-14.3	-30.3	247.9	33.2	30.7	12.5	311.2	313.2	0.6	24.2	24.6	73.
21.2	53.9	5672.1	500.0	-16.2	-35.1	249.0	34.3	32.1	12.3	313.3	314.5	0.3	16.2	27.3	72.
22.7	57.3	6050.2	475.0	-16.8	-42.5	251.1	38.0	36.0	12.2	314.7	315.3	0.2	10.2	30.5	72.
24.2	60.3	6457.1	450.0	-21.6	-53.4	252.5	38.9	37.1	11.7	316.0	316.2	0.1	4.1	34.2	72.
25.8	63.7	6875.6	425.0	-24.8	-65.7	250.2	41.0	38.6	13.9	317.2	317.2	0.0	1.0	37.9	72.
27.4	67.0	7313.2	400.0	-28.4	-54.6	248.9	40.5	37.8	14.6	318.1	318.3	0.1	6.0	42.4	72.
29.1	70.6	7772.7	375.0	-31.4	-56.9	247.3	43.8	40.5	17.0	319.3	319.5	0.0	6.4	46.3	71.
31.0	74.1	8256.0	350.0	-36.0	-59.4	244.4	41.8	39.5	18.9	320.1	320.2	0.0	6.5	50.8	71.
33.1	78.3	8746.1	325.0	-39.9	-99.7	241.1	45.0	39.4	21.8	321.7	321.7	99.9	99.9	56.7	70.
35.3	82.5	9308.1	300.0	-43.8	99.4	242.1	48.5	42.8	22.7	323.6	323.6	99.9	99.9	62.2	69.
37.7	86.8	9835.5	275.0	-44.3	99.4	242.3	51.2	45.3	23.8	323.8	323.8	99.9	99.9	69.0	68.
40.1	91.8	10504.8	250.0	-53.1	99.4	238.4	49.8	42.5	26.1	327.2	327.2	99.9	99.9	76.5	68.
42.9	96.3	11181.4	225.0	-55.2	99.4	230.9	69.5	60.7	33.8	333.9	333.9	99.9	99.9	85.5	67.
45.6	102.0	11728.4	200.0	-56.3	99.4	230.5	77.2	66.5	39.2	343.6	343.6	99.9	99.9	95.1	66.
49.1	108.3	12777.0	175.0	-57.5	99.3	238.4	60.3	51.4	31.6	355.1	355.1	99.9	99.9	109.6	65.
52.7	114.8	13741.6	150.0	-61.1	99.4	244.0	61.5	55.2	26.9	365.9	365.9	99.9	99.9	127.5	65.
57.0	122.3	14863.4	125.0	-64.4	99.4	239.7	73.2	63.2	36.9	378.4	378.4	99.9	99.9	139.7	65.
62.0	130.7	16221.6	100.0	-64.1	99.4	248.4	48.3	45.1	17.4	401.9	401.9	99.9	99.9	158.0	65.
68.1	140.0	17444.7	75.0	-70.3	99.4	249.2	41.0	38.3	14.5	425.6	425.6	99.9	99.9	173.6	64.
78.2	150.0	20344.6	50.0	-63.2	99.4	245.2	24.7	22.4	10.3	494.5	494.5	99.9	99.9	190.9	64.
88.8	160.7	24708.5	25.0	-60.6	99.4	291.1	8.4	7.6	-3.0	610.8	610.8	99.9	99.9	194.6	65.

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

153 21. 1

TIME MIN	CNTCT	HEIGHT GM	PFTS MB	TEMP DG C	QW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	11.0	1012.6	16.6	16.3	0.0	0.0	0.0	0.0	290.3	319.9	11.6	98.0	0.0	0.
0.4	4.7	11.7	1030.0	18.2	17.9	0.0	0.0	0.0	0.0	291.1	320.6	13.0	97.8	0.3	155.
1.2	6.3	316.0	975.0	17.0	16.3	204.5	4.8	2.0	4.4	293.9	325.2	12.1	95.7	0.3	124.
2.1	4.5	554.0	950.0	16.0	15.4	224.7	5.5	3.7	1.8	295.0	325.4	11.7	95.9	0.5	98.
2.9	10.6	785.0	925.0	15.1	13.0	214.3	6.9	4.4	5.4	296.1	323.2	10.2	87.0	0.7	77.
3.7	12.7	1017.1	900.0	13.6	11.6	226.7	7.9	5.7	5.4	298.0	322.2	9.6	87.7	1.0	66.
4.7	14.2	1354.1	875.0	12.5	10.7	211.4	10.3	8.0	6.4	298.8	322.9	9.3	88.9	1.5	61.
5.6	17.3	1437.0	850.0	10.2	7.3	227.5	11.1	8.2	7.5	297.9	318.3	7.6	41.9	2.1	57.
6.6	14.3	1765.6	825.0	10.2	-6.7	247.1	12.1	11.2	4.7	299.7	307.9	2.8	30.0	2.8	57.
7.6	21.4	2001.5	800.0	10.2	-20.5	252.4	16.5	15.7	5.0	302.1	305.1	0.9	9.7	3.7	60.
8.6	23.7	2264.3	775.0	8.1	-15.8	250.0	17.9	16.8	6.1	302.7	307.1	1.4	16.4	4.7	63.
9.6	24.0	2533.6	750.0	6.4	-14.4	250.1	19.1	18.0	6.5	303.6	308.6	1.7	20.7	5.7	64.
10.5	24.4	2810.4	725.0	3.9	-18.2	246.6	19.7	18.4	7.2	303.9	307.8	1.3	18.1	6.8	65.
11.6	31.0	3044.0	700.0	1.8	-23.9	243.0	19.4	17.3	8.8	304.6	307.1	0.8	12.7	8.1	65.
12.7	33.6	3345.9	675.0	-0.2	-37.0	236.4	19.2	16.0	10.6	305.5	307.2	0.5	9.2	9.3	64.
13.8	36.3	3686.9	650.0	-1.2	-40.7	234.5	21.7	18.5	11.4	307.5	304.1	0.2	3.1	10.7	63.
15.1	38.7	4098.1	625.0	-4.0	-26.1	243.1	22.6	20.2	10.2	307.9	310.3	0.7	15.9	12.5	63.
16.4	41.2	4318.4	600.0	-6.7	-23.2	249.2	24.4	22.6	9.1	308.5	311.6	1.0	25.6	16.3	63.
17.8	44.1	4640.4	575.0	-8.9	-20.4	249.3	25.9	24.2	9.1	310.1	314.1	1.3	36.3	16.3	64.
19.1	47.0	4947.7	550.0	-9.9	-37.5	245.2	32.0	29.1	13.4	312.4	313.3	0.3	8.3	18.5	64.
20.3	50.0	5190.8	525.0	-12.6	-32.9	243.0	31.5	28.1	14.3	313.3	314.9	0.3	16.3	21.0	64.
21.7	52.9	5722.3	500.0	-14.4	-38.1	242.7	29.0	25.7	13.3	315.4	316.4	0.3	11.0	23.4	64.
23.2	55.9	6109.3	475.0	-17.0	-55.2	241.7	31.2	27.5	14.8	316.9	317.0	0.0	2.0	26.3	64.
24.8	54.1	6512.4	450.0	-20.2	-61.0	240.3	30.4	26.5	15.0	317.8	317.9	0.0	1.6	29.0	64.
26.6	62.9	6913.0	425.0	-23.8	-45.1	238.9	31.6	27.1	16.3	318.4	319.0	0.2	12.0	32.4	63.
28.4	65.9	7372.9	400.0	-26.9	-56.0	237.3	31.9	26.9	17.3	319.9	320.1	0.0	4.5	35.9	63.
30.3	69.7	7816.5	375.0	-31.1	-54.6	214.9	32.1	26.3	18.5	320.3	320.5	0.0	4.7	39.7	62.
32.2	73.1	8320.1	350.0	-34.7	-60.4	233.1	35.3	28.3	21.2	321.9	322.0	0.0	5.2	43.6	61.
34.0	76.9	8833.3	325.0	-38.8	-67.8	239.6	35.9	31.0	18.2	323.1	323.2	0.0	5.9	47.5	61.
36.1	80.9	9376.0	300.0	-43.8	94.3	238.5	34.9	24.8	20.2	323.6	323.6	99.9	99.9	52.2	61.
38.3	85.1	9955.1	275.0	-48.1	90.9	238.0	47.9	40.6	25.3	325.6	325.6	99.9	99.9	57.8	61.
40.7	89.3	10578.4	250.0	-51.2	90.4	231.8	35.0	27.5	21.6	329.9	329.9	99.9	99.9	62.3	60.
43.4	95.0	11256.1	225.0	-56.0	94.9	236.1	36.4	30.2	20.3	332.7	332.7	99.9	99.9	68.1	59.
46.4	100.2	12002.7	200.0	-56.9	99.1	212.1	57.4	45.3	35.2	342.7	342.7	99.9	99.9	76.4	59.
49.6	106.3	12830.5	175.0	-54.8	99.9	231.8	66.3	52.1	41.0	356.2	356.2	99.9	99.9	88.6	58.
53.3	112.3	14415.6	150.0	-60.4	99.4	232.1	63.4	50.0	36.0	366.0	366.0	99.9	99.9	105.6	57.
57.4	119.3	16234.4	125.0	-66.8	99.9	236.6	37.4	27.0	17.8	374.0	374.0	99.9	99.9	114.6	57.
62.1	127.3	16282.2	100.0	-67.8	99.9	237.7	34.1	28.8	18.2	396.7	396.7	99.9	99.9	124.1	57.
68.3	136.0	14006.7	75.0	-70.0	99.9	231.3	29.1	22.9	18.0	426.2	426.2	99.9	99.9	137.4	57.
76.9	144.7	20464.0	50.0	-65.0	99.9	99.9	44.9	96.9	99.9	490.5	490.5	99.9	99.9	999.9	999.9
84.1	153.3	24728.1	25.0	-54.2	99.9	99.9	49.9	99.9	99.9	618.2	618.2	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
 CENTREVILLE, ALA

 6 FEBRUARY 1975  
 11' GMT

## ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM 10-MINUTE VALUES

148 46. 1

TIME MIN	CNTCT	HEIGHT GPM	PREC MR	TEMP DG C	DEW PT DG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	143.0	997.2	6.7	5.7	350.0	3.1	0.5	-3.1	260.6	295.5	5.8	93.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.2	325.0	975.0	6.2	6.1	999.0	99.9	99.9	99.9	282.2	297.7	6.1	99.2	999.9	999.9
1.4	10.5	534.3	950.0	6.1	5.7	999.9	99.9	99.9	99.9	284.1	299.8	6.1	97.4	999.9	999.9
2.1	12.3	737.2	925.0	6.2	4.3	999.9	99.9	99.9	99.9	286.4	301.2	5.7	87.4	999.9	999.9
3.0	14.2	942.0	900.0	6.2	0.1	320.3	11.7	7.5	-9.0	288.5	300.2	4.4	66.0	1.6	158.
3.8	17.4	1212.9	875.0	6.0	-11.8	311.8	12.3	9.1	-8.7	290.3	295.4	1.8	28.5	2.4	150.
4.6	20.0	1449.5	850.0	4.5	-13.0	314.5	9.7	6.9	-6.8	291.1	295.8	1.6	28.6	2.9	150.
5.5	22.3	1621.7	825.0	2.2	-11.7	225.4	51.0	36.3	35.8	291.2	296.6	1.9	35.2	3.5	123.
6.4	24.3	1797.2	800.0	0.4	-13.3	243.7	22.1	14.8	9.8	291.8	296.7	1.7	34.6	4.3	91.
7.2	27.3	2134.6	775.0	-0.5	-20.0	257.4	14.7	14.2	4.3	293.3	296.4	1.0	21.2	5.2	91.
8.2	30.0	2434.7	750.0	-2.1	-22.7	254.3	20.5	19.8	5.6	294.4	296.9	0.8	18.7	6.4	88.
9.1	32.3	2723.0	725.0	-4.4	-21.6	257.0	22.9	22.3	5.2	294.8	297.6	0.9	24.6	7.8	86.
10.1	35.4	2944.0	700.0	-5.3	-17.5	257.7	27.7	27.1	5.9	296.8	301.0	1.4	37.5	9.0	85.
11.1	38.1	3211.9	675.0	-6.5	-19.6	254.6	33.0	31.8	8.7	298.4	300.0	0.5	14.1	10.8	83.
12.1	40.9	3477.9	650.0	-8.1	-11.9	251.2	38.5	36.5	12.4	300.0	307.0	2.4	74.5	12.8	82.
13.1	43.9	3831.4	625.0	-10.8	-11.3	250.0	40.5	38.0	13.9	300.4	307.9	2.6	95.9	15.3	80.
14.1	46.9	4174.1	600.0	-12.4	-14.7	251.7	41.7	39.6	13.1	302.0	306.0	1.3	53.9	17.8	78.
15.2	50.3	4510.0	575.0	-13.4	-20.4	251.0	46.0	41.5	15.0	304.5	308.5	1.2	55.4	23.6	77.
16.3	53.0	4856.0	550.0	-15.4	-22.1	256.3	44.2	42.9	10.5	305.9	309.5	1.0	55.1	26.6	77.
17.5	55.3	5206.1	525.0	-17.3	-24.1	257.9	48.7	47.6	10.2	307.7	311.0	0.7	43.0	30.1	77.
18.8	59.3	5570.7	500.0	-19.1	-28.5	256.6	41.98	40.7	9.7	309.8	312.2	0.7	43.0	33.7	77.
20.0	62.7	5931.1	475.0	-21.4	-35.8	256.5	51.36	49.9	12.0	311.5	312.7	0.4	25.9	38.1	77.
21.4	66.3	6344.8	450.0	-25.0	-34.6	255.8	49.98	48.4	12.3	311.8	313.3	0.4	40.2	42.1	77.
22.8	69.7	6749.9	425.0	-27.8	-37.8	252.9	49.48	47.2	14.5	313.3	314.5	0.3	37.4	46.4	76.
24.2	73.3	7141.2	400.0	-30.4	-34.0	251.5	54.88	56.8	18.9	314.9	316.0	0.3	44.3	48.4	76.
25.6	77.2	7647.6	375.0	-34.6	-43.2	252.5	45.58	43.4	13.7	315.7	316.5	0.2	41.1	51.2	76.
27.2	81.2	8125.1	350.0	-39.0	99.9	248.5	64.48	63.6	25.0	316.1	999.9	99.9	999.9	56.2	75.
28.8	85.3	8624.3	325.0	-43.6	99.9	247.4	51.36	47.5	19.3	316.6	999.9	99.9	999.9	62.7	75.
30.8	89.7	9100.8	300.0	-48.3	99.9	253.4	54.78	57.2	17.0	317.3	999.9	99.9	999.9	68.2	74.
32.9	94.4	9574.6	275.0	-52.1	99.9	251.0	51.18	48.9	14.9	319.8	999.9	99.9	999.9	76.3	74.
35.2	99.2	10310.2	250.0	-56.4	99.9	256.9	63.98	62.2	14.4	322.3	999.9	99.9	999.9	83.8	74.
37.8	104.1	11002.2	225.0	-60.0	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.9
40.6	110.3	11747.0	200.0	-58.6	99.9	999.9	99.9	99.9	99.9	340.1	999.9	99.9	999.9	999.9	999.9
43.5	115.6	12577.4	175.0	-58.1	99.9	999.9	99.9	99.9	99.9	354.1	999.9	99.9	999.9	999.9	999.9
47.2	122.1	13548.7	150.0	-58.8	99.9	999.9	99.9	99.9	99.9	368.9	999.9	99.9	999.9	999.9	999.9
51.2	129.0	14676.4	125.0	-63.9	99.9	999.9	99.9	99.9	99.9	379.4	999.9	99.9	999.9	999.9	999.9
56.1	136.7	16040.5	100.0	-65.4	99.9	999.9	99.9	99.9	99.9	401.5	999.9	99.9	999.9	999.9	999.9
62.1	144.3	17747.5	75.0	-65.0	99.9	999.9	99.9	99.9	99.9	435.5	999.9	99.9	999.9	999.9	999.9
70.2	151.7	20267.5	50.0	-64.8	99.9	999.9	99.9	99.9	99.9	490.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
ROOTHVILLE, LA6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WFLIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPFLD M/SFC	U COMP M/SFC	V CCOMP M/SFC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.5	1.0	1013.8	16.2	12.4	350.0	2.6	0.5	-2.6	289.4	312.5	9.0	78.0	0.0	0.
0.6	6.6	118.3	1000.0	17.5	9.4	347.2	6.6	1.4	-8.4	291.6	311.2	7.4	59.1	0.2	102.
1.3	6.3	333.4	975.0	15.4	7.1	346.8	8.8	2.0	-8.6	291.6	309.1	6.6	58.3	0.6	173.
2.0	11.1	531.4	950.0	14.7	3.1	336.7	6.2	2.5	-5.7	292.8	306.7	5.1	48.6	0.9	170.
2.8	13.3	774.1	925.0	12.0	11.2	279.4	4.9	4.8	-0.8	293.6	317.5	9.1	89.6	1.1	164.
3.6	15.7	1009.6	900.0	12.2	7.5	252.3	7.1	6.7	2.1	295.0	316.6	7.3	73.4	1.2	156.
4.4	18.1	1245.2	875.0	11.3	-9.2	218.0	7.7	6.5	4.1	295.0	302.1	2.2	22.8	1.3	133.
5.2	20.4	1466.3	850.0	5.1	-5.7	236.6	8.6	7.2	4.7	296.1	304.5	3.0	34.7	1.4	117.
6.0	22.4	1712.7	825.0	7.3	-0.7	237.3	9.5	8.0	5.1	296.9	304.2	4.4	57.0	1.7	104.
6.9	25.3	1944.6	800.0	5.8	1.0	244.1	12.8	11.6	5.6	298.1	312.4	5.2	71.3	2.1	96.
7.7	27.7	2245.3	775.0	4.5	4.4	249.2	15.8	14.8	5.5	299.5	318.2	6.8	101.6	2.8	86.
8.7	30.4	2513.3	750.0	4.2	4.2	252.4	16.3	17.5	5.5	302.1	321.3	6.9	102.4	3.8	83.
9.7	33.1	2784.3	725.0	3.0	3.0	250.0	20.5	19.2	7.0	303.6	322.0	6.6	102.1	5.0	80.
10.6	35.9	3073.1	700.0	0.7	0.7	248.7	21.5	20.0	7.8	304.0	320.3	5.8	100.2	6.0	78.
11.5	38.4	3363.9	675.0	-2.4	-4.2	249.8	21.5	23.0	8.5	303.5	315.5	4.2	87.1	7.3	76.
12.3	41.0	3642.4	650.0	-6.4	-6.2	251.0	26.1	24.7	8.5	304.5	315.2	3.7	85.9	8.5	76.
13.2	43.4	3922.5	625.0	-5.6	-10.2	252.3	25.5	24.3	7.8	306.4	314.8	2.8	69.9	9.9	75.
14.0	46.4	4200.8	600.0	-7.9	-13.1	254.5	25.0	24.0	6.7	307.3	314.3	2.3	66.1	11.1	75.
15.0	48.7	4478.9	575.0	-9.4	-22.2	254.5	26.3	25.4	7.0	308.9	312.4	1.1	34.9	12.6	75.
16.2	52.4	4902.5	550.0	-12.7	-27.4	253.0	28.4	27.2	8.3	307.6	312.0	0.7	26.8	14.6	75.
17.7	55.1	5317.5	525.0	-13.6	-26.4	250.7	29.3	27.6	9.7	312.1	314.7	0.8	31.7	17.2	74.
19.1	58.3	5827.0	500.0	-15.3	-33.4	249.9	30.6	28.7	10.5	314.4	315.9	0.5	19.5	19.8	74.
20.5	62.4	6372.1	475.0	-18.4	-47.5	249.6	31.1	29.2	10.8	315.1	315.8	0.2	9.9	22.3	73.
21.7	65.7	6873.4	450.0	-21.1	-51.1	251.3	33.4	31.6	10.7	316.7	317.0	0.1	4.6	24.7	73.
23.0	69.1	7371.0	425.0	-24.0	-54.2	252.0	34.3	31.7	10.3	318.2	314.9	0.5	38.1	27.4	73.
24.7	72.4	7872.5	400.0	-27.5	-46.0	253.5	34.3	32.9	9.8	319.2	319.8	0.2	18.0	30.5	73.
26.3	76.4	8379.8	375.0	-31.8	-53.6	251.5	36.0	34.2	11.4	319.4	319.7	0.1	9.9	34.3	73.
28.0	80.4	8876.7	350.0	-35.8	-58.5	253.3	39.7	38.1	11.4	320.4	320.6	0.0	7.5	37.9	73.
29.4	84.1	9366.4	325.0	-40.5	99.4	250.3	36.0	35.3	7.3	320.9	999.4	99.9	999.9	41.8	73.
31.6	88.4	9861.2	300.0	-45.4	99.4	263.6	34.7	34.5	3.9	321.4	999.9	99.9	999.9	45.5	74.
33.2	92.7	10322.2	250.0	-52.0	99.4	256.5	38.9	38.3	7.0	323.5	999.9	99.9	999.9	49.8	74.
35.2	97.7	10722.2	225.0	-52.0	99.4	259.4	41.6	40.4	9.7	328.8	999.9	99.9	999.9	54.0	75.
37.3	102.4	11146.4	200.0	-50.2	99.4	254.4	39.6	38.9	7.3	332.4	999.9	99.9	999.9	59.4	75.
39.6	108.2	11617.4	200.0	-61.0	99.4	253.4	52.14	50.0	14.7	336.2	999.9	99.9	999.9	64.7	75.
42.0	114.4	12175.1	175.0	-58.7	99.4	240.4	39.46	34.3	19.3	353.0	999.9	99.9	999.9	71.4	74.
44.9	120.3	13743.1	150.0	-59.9	99.4	246.6	62.18	36.9	24.7	360.9	999.9	99.9	999.9	80.5	73.
48.4	127.3	14470.3	125.0	-65.0	99.4	240.5	44.29	38.4	21.8	377.3	999.9	99.9	999.9	89.5	72.
52.4	135.7	15207.0	100.0	-64.9	99.4	250.7	32.78	30.9	10.7	392.7	999.9	99.9	999.9	99.4	71.
57.7	143.0	17322.4	75.0	-64.9	99.4	254.4	35.36	34.0	9.5	426.4	999.9	99.9	999.9	110.4	71.
63.0	151.7	23375.4	50.0	-65.8	99.4	266.0	15.98	15.0	1.1	480.6	999.9	99.9	999.9	120.5	72.
71.3	161.0	24061.3	25.0	-61.0	99.4	999.9	99.9	99.9	99.9	609.4	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISS6 FEBRUARY 1975  
1115 GMT

TIME MIN	CHCT	WEIGHT GPM	PRCS M4	TEMP DG C	DFW PT DG C	DWR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.2	4.4	100.0	1000.0	6.4	4.4	350.0	6.2	1.1	-6.1	279.9	293.7	5.4	90.0	0.0	0.
0.2	4.7	132.8	1000.0	5.9	4.6	999.3	49.9	99.9	99.9	279.8	293.4	5.3	91.5	999.9	999.
0.8	6.0	339.7	975.0	3.7	3.1	999.9	99.9	99.9	99.9	279.5	292.1	4.9	95.4	999.9	999.
1.6	6.7	550.5	950.0	3.1	2.7	999.9	99.9	99.9	99.9	281.0	293.6	4.9	96.9	999.9	999.
2.3	10.7	766.9	925.0	2.6	2.1	292.4	6.9	6.3	-2.6	242.6	245.2	4.8	96.8	1.0	147.
3.0	12.8	986.6	900.0	2.6	2.2	250.2	11.2	10.9	2.7	284.8	297.9	5.0	96.8	1.3	133.
3.8	15.0	1217.3	875.0	3.5	3.0	250.5	15.6	14.7	5.2	288.1	302.5	5.4	96.3	1.7	112.
4.6	17.3	1452.1	850.0	2.0	-4.4	253.4	18.6	17.8	5.3	288.6	297.5	3.3	92.	2.3	99.
5.4	19.3	1641.9	825.0	-0.5	-10.5	250.3	18.9	18.3	4.5	288.3	292.6	1.5	32.8	3.2	93.
6.2	21.5	1937.9	800.0	-0.6	-10.6	250.1	18.6	17.9	5.1	290.7	294.5	1.3	28.5	4.1	89.
7.0	21.8	2131.3	775.0	-0.9	-10.3	252.8	22.9	20.3	5.1	293.0	297.1	1.4	30.0	5.1	86.
7.9	26.0	2452.4	750.0	-2.5	-17.8	257.7	22.7	22.2	4.8	294.0	297.7	1.3	29.6	6.1	84.
8.7	28.5	2721.0	725.0	-3.4	-18.1	260.2	23.7	23.3	4.0	295.7	299.5	1.3	31.4	7.3	84.
9.4	31.0	2973.3	700.0	-5.3	-21.6	260.4	23.6	23.3	3.7	296.7	299.7	1.0	30.6	8.6	83.
10.5	33.3	3232.0	675.0	-7.2	-21.5	258.7	24.3	23.9	4.8	297.8	300.8	1.0	30.6	9.8	82.
11.5	35.7	3575.2	650.0	-4.8	-20.5	252.0	29.2	27.9	8.6	299.1	302.6	1.1	30.1	11.2	82.
12.4	38.6	3879.1	625.0	-4.3	-20.3	248.7	35.4	33.0	12.9	301.9	305.7	1.2	40.5	13.2	80.
13.2	41.1	4194.3	600.0	-9.6	-27.4	247.0	38.5	33.6	14.3	305.1	308.3	1.0	33.1	15.0	79.
14.4	43.7	4521.7	575.0	-11.6	-30.4	247.6	38.2	33.4	13.8	306.4	309.0	0.5	18.4	17.2	77.
15.5	46.4	4840.6	550.0	-14.0	-31.3	253.9	37.1	35.6	10.3	307.5	309.2	0.5	21.8	20.0	76.
16.6	49.3	5212.4	525.0	-16.4	-34.8	256.7	40.4	39.3	9.3	308.8	310.0	0.4	18.5	22.3	76.
17.4	52.6	5577.5	500.0	-14.3	-33.6	258.3	40.8	40.0	8.3	309.5	311.0	0.4	26.7	25.3	76.
19.0	55.7	5957.3	475.0	-21.2	-35.4	257.2	48.4	43.3	9.8	311.8	313.1	0.4	26.3	28.4	74.
20.4	59.0	6333.4	450.0	-24.0	-37.4	255.4	49.1	47.6	12.0	313.1	314.9	0.6	45.4	32.4	72.
21.8	62.3	6700.0	425.0	-26.2	-38.6	253.3	52.38	50.1	15.0	315.3	316.4	0.3	29.9	36.5	70.
23.3	65.7	7209.4	400.0	-24.9	-40.8	251.5	49.18	46.5	15.6	316.1	317.0	0.3	33.4	41.4	70.
24.9	69.3	7719.8	375.0	-34.4	-44.1	249.4	50.98	47.8	17.5	315.9	316.7	0.2	36.5	45.9	75.
26.5	72.9	8134.0	350.0	-38.4	-51.1	252.1	46.08	47.7	14.1	316.8	317.2	0.1	24.2	50.2	75.
28.1	76.8	8642.8	325.0	-42.7	-59.4	252.0	52.18	49.6	16.1	317.8	319.9	99.9	999.9	56.0	75.
29.8	80.9	9177.5	300.0	-47.4	-69.9	256.4	54.98	51.3	12.9	318.6	319.9	99.9	999.9	60.7	75.
31.7	85.3	9747.3	275.0	-51.4	-69.9	256.4	51.68	50.2	12.2	320.2	319.9	99.9	999.9	66.9	75.
33.8	89.4	10358.4	250.0	-56.1	-69.9	259.5	60.48	54.4	10.9	322.6	319.9	99.9	999.9	74.4	75.
36.0	94.5	11022.2	225.0	-60.5	-69.9	263.6	62.18	61.8	5.9	325.9	319.9	99.9	999.9	81.2	76.
39.5	100.0	11758.9	200.0	-56.3	-69.9	252.0	54.48	51.7	16.8	323.6	319.9	99.9	999.9	89.6	76.
40.8	105.4	12601.0	175.0	-60.7	-69.9	248.7	66.38	62.7	27.0	329.8	319.9	99.9	999.9	97.7	76.
44.3	112.9	13606.0	150.0	-57.8	-69.9	253.0	67.78	64.7	19.8	330.5	319.9	99.9	999.9	106.8	75.
47.4	114.3	14798.7	125.0	-61.4	-69.9	250.6	72.28	68.1	23.9	333.8	319.9	99.9	999.9	120.6	76.
52.3	127.5	16072.8	100.0	-66.7	-69.9	249.4	17.68	16.6	6.0	338.9	319.9	99.9	999.9	130.2	74.
57.5	137.0	17429.6	75.0	-63.9	-69.9	73.7	37.88	-36.2	10.6	438.0	319.9	99.9	999.9	141.4	74.
64.7	147.5	20310.5	50.0	-63.5	-69.9	261.6	14.28	14.0	2.7	433.9	319.9	99.9	999.9	149.9	74.
75.9	159.3	24593.3	25.0	-61.3	-69.9	268.1	33.28	33.1	2.2	608.9	319.9	99.9	999.9	163.5	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WGTHT GPM	WSPES WD	TEMP DG C	DEW PT DG C	DIN DG	SPFED M/SEC	U CUMPD M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	MM PCT	RANGE KM	AZ DG
0.0	3.6	5.0	1017.4	8.9	7.4	340.0	8.2	2.8	-7.7	281.5	297.6	6.4	98.0	0.0	0.0
0.5	5.3	147.4	1000.0	7.3	4.5	344.7	10.0	2.6	-9.6	281.1	294.7	5.3	82.7	0.4	160.
1.0	6.3	355.9	975.0	4.9	4.4	341.9	11.6	3.6	-11.0	280.8	294.6	5.4	96.4	1.0	162.
2.2	9.2	567.4	950.0	3.3	2.5	335.5	4.7	3.0	-7.9	281.1	293.8	4.9	98.6	1.5	162.
3.0	11.2	705.0	925.0	6.7	6.1	277.5	6.7	6.1	-0.6	280.6	303.9	6.5	97.9	1.8	157.
3.8	13.5	1010.4	900.0	6.3	0.6	262.5	8.7	8.7	1.1	288.6	300.7	4.6	68.3	1.9	146.
4.8	15.7	1241.1	875.0	4.9	-34.4	270.8	9.8	9.8	-0.1	289.0	291.5	0.9	14.3	2.2	134.
5.7	17.9	1477.7	850.0	6.5	-45.9	262.6	10.2	10.2	1.3	293.0	293.2	0.1	1.0	2.6	125.
6.6	20.3	1722.3	825.0	5.8	-33.2	260.4	13.0	12.8	2.1	294.8	295.7	0.3	4.0	3.1	118.
7.5	22.5	1973.5	800.0	5.0	-20.1	253.7	16.3	15.6	4.6	296.6	299.5	1.0	14.2	3.7	110.
8.4	25.0	2211.3	775.0	5.0	-14.6	258.7	17.6	17.2	3.5	297.2	301.9	1.6	26.0	4.6	103.
9.3	27.2	2446.2	750.0	0.9	-13.3	262.0	17.5	17.3	2.4	297.7	303.2	1.8	33.8	5.3	99.
10.3	29.6	2767.4	725.0	-1.5	-22.8	267.2	16.9	16.9	0.8	297.9	300.5	0.6	18.0	6.5	97.
11.5	32.4	3041.9	700.0	-3.4	-18.1	266.0	18.4	18.4	1.3	299.0	302.8	1.3	31.1	7.7	96.
12.5	35.1	3322.6	675.0	-5.2	-23.1	257.7	19.3	18.8	4.1	300.0	302.7	0.9	22.5	8.9	94.
13.7	37.6	3623.5	650.0	-6.2	-23.3	256.1	22.3	21.8	4.6	302.1	304.9	0.9	24.2	10.2	91.
15.0	40.4	3935.0	625.0	-8.0	-27.4	256.3	25.7	25.1	5.2	305.7	307.7	0.6	16.1	12.1	90.
16.3	43.0	4244.4	600.0	-7.2	-27.6	255.2	26.5	25.6	6.8	307.8	310.0	0.7	17.7	14.1	88.
17.5	45.9	4544.1	575.0	-10.0	-26.7	255.9	27.1	26.3	6.6	308.3	310.7	0.7	24.0	16.0	86.
18.8	48.9	4854.1	550.0	-12.2	-26.5	259.2	28.0	27.5	5.2	309.7	312.3	0.8	29.3	18.1	85.
20.2	51.4	5210.7	525.0	-13.7	-37.3	259.5	30.5	30.0	5.6	312.6	313.6	0.3	11.1	20.5	84.
21.5	55.3	5625.0	500.0	-16.7	-40.4	260.8	32.0	31.6	5.1	313.1	313.9	0.2	10.3	23.8	84.
23.0	58.7	6038.2	475.0	-18.9	-46.6	264.3	34.2	34.0	3.4	314.5	315.0	0.1	6.6	25.9	84.
24.6	61.3	6416.2	450.0	-20.3	-46.0	259.1	37.1	36.5	6.9	317.6	317.7	0.0	1.1	28.9	84.
25.8	64.7	6853.3	425.0	-24.2	-51.6	247.3	35.0	34.2	7.7	317.9	318.2	0.1	6.1	32.2	83.
27.5	68.1	7294.5	400.0	-28.4	-47.0	256.4	34.1	33.2	8.0	318.0	318.5	0.1	14.7	36.0	83.
29.2	71.0	7753.1	375.0	-32.4	-46.0	261.4	40.9	40.4	6.1	318.7	319.3	0.2	24.4	39.7	82.
31.1	75.5	8233.6	350.0	-36.5	-44.4	264.4	40.5	40.3	3.9	319.5	320.0	0.1	27.7	43.8	82.
33.1	79.5	8745.5	325.0	-40.9	-44.4	267.1	29.6	29.6	1.4	320.3	320.9	99.9	99.9	48.2	83.
35.3	83.3	9248.1	300.0	-45.1	-44.4	263.1	42.7	42.3	5.1	321.8	322.8	99.9	99.9	53.8	83.
37.7	87.5	9843.3	275.0	-50.1	-44.4	266.4	51.5	51.4	3.2	322.7	323.7	99.9	99.9	59.3	83.
40.1	92.0	10475.9	250.0	-54.4	-44.4	265.7	46.3	46.2	3.5	324.9	325.9	99.9	99.9	65.8	83.
42.4	97.3	11143.6	225.0	-58.0	-44.4	278.1	47.0	47.0	-5.0	329.6	329.9	99.9	99.9	72.3	83.
45.1	102.5	11841.0	200.0	-59.4	-44.4	272.0	37.6	37.6	-1.3	330.8	330.9	99.9	99.9	79.8	83.
47.9	108.1	12713.8	175.0	-60.7	-44.4	250.1	47.1	44.3	16.1	339.7	339.9	99.9	99.9	86.8	83.
52.0	114.5	13680.6	150.0	-58.6	-44.4	253.9	47.2	45.1	13.1	349.2	349.9	99.9	99.9	98.8	83.
54.4	121.5	14913.4	125.0	-64.0	-44.4	247.3	47.3	43.4	18.2	359.1	359.9	99.9	99.9	106.8	82.
61.7	129.5	16100.6	100.0	-68.1	-44.4	258.5	33.6	32.4	6.6	359.2	359.9	99.9	99.9	121.9	81.
68.7	138.3	17841.6	75.0	-45.8	-44.4	258.0	20.5	20.5	0.7	435.9	435.9	99.9	99.9	134.0	81.
99.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN A DEG



STATION NO. 248  
SHREVEPORT, LA  
6 FEBRUARY 1975  
1115 GMT

TIME MUT	CNTCT	HEIGHT GPM	CHFS M3	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/SEC	RH PCT	RANGE KM	AZ DEG
0.0	5.3	79.0	1011.5	1.1	-3.7	310.0	0.2	4.1	-7.1	273.7	281.1	2.9	70.0	0.0	0.
0.3	5.3	170.0	1000.0	-0.3	-2.2	307.7	10.7	8.5	-6.6	273.3	281.6	3.3	86.7	0.1	139.
1.1	8.1	371.0	975.0	-2.0	-2.7	311.6	9.3	6.9	-6.2	273.5	281.7	3.2	94.0	0.5	134.
1.9	10.6	574.9	950.0	-3.0	-4.1	310.6	9.7	6.8	-8.4	273.7	281.3	2.9	96.4	1.0	130.
2.7	12.2	745.2	925.0	-4.8	-5.1	311.6	10.7	9.1	-9.4	274.7	282.0	2.8	97.8	1.4	143.
3.5	15.1	1005.6	900.0	-2.9	-3.2	325.1	10.9	6.2	-8.9	278.9	287.7	3.3	97.8	2.0	145.
4.4	17.0	1228.0	875.0	-2.0	-3.4	248.5	13.0	11.7	-8.9	281.3	290.3	3.4	95.0	2.5	142.
5.2	20.1	1454.6	850.0	-1.5	-2.1	248.4	14.1	14.1	-7.6	285.1	295.2	3.8	94.0	3.2	136.
6.2	22.4	1697.6	825.0	-2.1	-3.6	303.1	15.	12.8	-8.3	288.8	296.3	3.5	88.2	4.1	133.
7.1	25.1	1947.0	800.0	-2.9	-5.2	248.4	20.2	18.3	-10.0	288.4	297.3	3.3	84.5	5.0	131.
8.0	27.5	2141.3	775.0	-4.3	-6.6	248.7	24.1	22.7	-8.1	289.6	297.9	3.0	83.6	6.2	128.
8.9	30.1	2451.6	750.0	-4.3	-6.0	274.9	26.7	26.6	-2.3	292.3	301.4	3.3	87.8	7.6	123.
9.9	32.9	2717.0	725.0	-4.9	-5.4	250.1	28.3	25.7	5.4	296.6	304.4	3.5	95.6	8.8	117.
10.8	35.0	2995.2	700.0	-5.3	-5.7	250.7	28.5	26.9	9.4	297.0	307.1	3.6	97.3	9.8	111.
11.6	38.1	3240.2	675.0	-7.0	-7.3	252.6	31.4	30.0	9.4	298.2	307.5	3.3	97.3	11.1	106.
12.6	41.0	3573.8	650.0	-8.9	-9.3	257.2	33.5	32.6	7.4	299.3	307.5	2.9	95.5	12.7	101.
13.7	44.0	3870.1	625.0	-11.6	-13.5	257.7	33.5	32.8	7.2	299.4	305.7	2.2	85.6	14.8	99.
14.8	47.0	4184.2	600.0	-13.7	-14.8	257.6	33.4	32.6	7.2	300.4	306.4	2.0	91.7	16.9	95.
15.8	50.1	4510.6	575.0	-15.4	-16.9	264.4	37.8	37.8	3.7	302.1	305.5	1.1	55.4	19.0	94.
17.1	53.1	4847.0	550.0	-18.8	-22.7	268.7	43.7	43.6	2.5	306.6	308.0	0.4	20.1	22.2	93.
18.2	56.0	5194.2	525.0	-18.2	-27.6	268.1	43.6	43.4	3.9	309.0	311.3	0.7	35.9	25.0	92.
19.4	59.4	5563.9	500.0	-20.5	-28.3	268.8	49.4	49.4	8.5	312.3	313.5	1.0	64.9	32.2	89.
20.7	62.4	5945.0	475.0	-20.8	-25.7	269.1	49.6	49.6	8.5	313.3	313.5	0.5	45.1	36.0	88.
22.0	66.0	6321.1	450.0	-24.0	-37.5	259.8	47.0	46.3	8.3	313.0	314.9	0.5	45.1	36.0	88.
23.4	69.7	6750.5	425.0	-27.1	-41.6	269.7	49.5	48.8	8.0	314.3	314.4	0.0	4.2	39.6	86.
24.8	73.2	7191.7	400.0	-29.5	-46.8	268.5	57.0	57.0	9.5	316.6	316.7	0.0	1.0	44.4	87.
26.4	77.1	7649.5	375.0	-33.6	-51.6	268.0	62.9	62.9	7.4	317.0	317.0	0.0	1.0	48.8	86.
27.8	81.5	8128.2	350.0	-38.0	-57.3	268.4	68.3	68.0	6.8	317.4	317.5	0.0	1.4	54.5	86.
29.5	85.1	8633.9	325.0	-42.5	-64.9	268.8	64.6	64.6	4.0	318.1	319.9	99.9	99.9	58.9	86.
31.3	89.3	9169.0	300.0	-47.3	-69.9	268.2	50.4	50.4	-0.7	318.6	319.9	99.9	99.9	65.0	86.
33.1	94.0	9737.5	275.0	-52.6	-74.9	264.2	49.4	49.4	0.7	319.0	319.9	99.9	99.9	69.0	86.
35.0	98.6	10308.5	250.0	-56.1	-79.9	272.7	72.3	72.2	-3.4	322.7	322.7	99.9	99.9	78.0	87.
37.3	103.6	11016.5	225.0	-58.4	-84.9	273.2	58.8	58.8	-3.3	323.1	323.1	99.9	99.9	86.1	87.
39.7	109.3	11751.1	200.0	-61.5	-89.9	271.2	35.6	35.6	-0.7	325.3	325.3	99.9	99.9	91.4	88.
43.8	115.2	12590.4	175.0	-58.5	-89.9	255.2	48.6	48.6	10.4	324.7	324.7	99.9	99.9	99.7	88.
48.6	121.5	13585.2	150.0	-58.8	-89.9	237.7	33.6	33.6	17.9	328.8	328.8	99.9	99.9	112.8	86.
51.3	126.7	14702.1	125.0	-60.9	-94.9	88.9	33.0	-37.8	-2.9	330.7	330.7	99.9	99.9	123.3	85.
54.7	136.5	16081.6	100.0	-63.5	-94.9	254.1	31.6	30.6	7.6	330.1	330.1	99.9	99.9	136.4	85.
59.9	144.3	17400.0	75.0	-64.9	-94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.3	154.3	18800.0	50.0	-64.9	-94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
69.9	164.3	20200.0	25.0	-64.9	-94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 MV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PHES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	WOT Y DG K	E POT Y DG K	MX BTD CM/KG	PH PCT	RANGE KM	AZ DG
0.0	4.4	13.0	1015.8	6.9	3.2	360.0	11.3	0.0	-11.3	279.4	291.5	4.7	77.0	0.0	0.
0.6	5.7	161.2	1000.0	4.2	1.1	999.9	99.9	99.9	99.9	277.0	288.5	4.1	80.1	999.9	999.
1.6	7.2	76.0	975.0	2.0	0.5	999.9	99.9	99.9	99.9	277.6	288.1	4.1	90.1	999.9	999.
2.4	10.2	576.2	950.0	1.4	0.4	1.1	13.2	-0.3	-13.2	279.2	290.3	4.3	95.4	2.0	185.
3.2	12.4	763.7	925.0	6.2	5.7	331.9	6.0	2.8	-5.3	286.4	302.6	6.2	96.5	2.5	182.
4.1	14.7	1014.1	900.0	6.8	3.9	272.9	3.8	3.8	-0.2	289.3	304.1	5.6	81.5	2.6	178.
5.0	16.9	1250.4	875.0	6.4	0.2	230.4	4.9	3.4	3.1	291.1	303.1	4.4	64.3	2.5	173.
6.5	19.4	1484.3	850.0	6.3	-0.7	264.7	7.0	7.0	0.4	293.3	304.9	4.2	60.3	2.4	166.
7.0	21.7	1775.7	825.0	5.8	-10.1	249.0	8.6	8.3	-2.1	294.8	301.0	2.2	31.5	2.6	157.
7.9	24.3	1984.2	800.0	5.4	-11.0	241.8	10.2	9.5	-3.8	297.2	303.2	2.1	29.5	3.0	149.
8.9	26.1	2242.0	775.0	3.5	-7.8	242.2	11.4	10.6	-4.2	297.9	303.8	2.7	43.2	3.1	143.
10.0	28.1	2504.0	750.0	1.7	-15.4	287.3	11.6	11.1	-3.5	290.6	303.2	1.5	26.6	4.2	138.
11.0	31.6	2750.4	725.0	1.3	-31.7	274.3	14.4	14.2	-2.2	300.9	302.3	0.4	7.4	4.9	1.2.
12.1	34.3	3063.1	700.0	1.4	-31.3	241.3	18.9	14.5	-3.7	304.1	305.5	0.4	7.8	5.8	126.
13.1	36.4	3354.9	675.0	-0.2	-19.7	241.7	21.0	21.1	-4.4	305.6	307.3	1.2	21.3	7.0	122.
14.2	39.4	3653.5	650.0	-2.7	-16.5	277.4	23.0	22.8	-3.0	306.2	311.1	1.6	33.8	8.4	116.
15.4	42.1	3954.8	625.0	-5.4	-14.9	271.5	22.7	22.7	-0.6	306.4	312.3	1.9	47.1	9.9	115.
16.5	45.7	4283.7	600.0	-7.8	-15.6	241.0	22.9	22.6	3.4	307.3	313.0	1.9	53.4	11.3	111.
17.9	44.1	4614.1	575.0	-8.8	-21.7	259.1	25.2	24.8	4.8	304.8	313.5	1.2	34.1	12.9	108.
19.1	50.1	4947.3	550.0	-10.8	-23.8	263.7	26.3	26.2	3.1	311.3	314.6	1.0	33.3	14.7	103.
20.3	54.0	5311.0	525.0	-13.6	-28.5	263.9	24.5	24.4	2.6	312.1	314.4	0.7	27.1	16.4	101.
21.6	57.1	5682.4	500.0	-16.1	-33.1	269.0	24.7	24.7	0.5	313.4	315.0	0.5	21.5	18.5	98.
23.1	60.4	6047.4	475.0	-18.0	-41.3	271.6	30.2	30.1	-0.9	315.7	316.5	0.2	10.9	20.9	98.
24.4	61.7	6454.4	450.0	-20.6	-41.9	266.3	29.4	29.4	1.9	317.3	318.1	0.2	12.8	23.4	97.
26.0	67.1	6882.2	425.0	-24.1	-44.1	269.3	32.6	32.6	0.6	318.1	318.7	0.2	13.7	26.0	96.
27.5	70.4	7192.1	400.0	-27.4	-46.0	270.4	33.3	33.3	-0.3	319.3	319.9	0.2	15.0	29.2	94.
29.2	74.1	7741.9	375.0	-31.3	-52.1	275.6	35.9	35.7	-3.5	320.1	320.4	0.1	10.7	32.8	93.
31.0	78.3	8274.6	350.0	-35.5	-59.9	282.8	30.1	29.3	-6.7	320.9	321.0	0.0	8.1	36.1	90.
32.9	82.2	8765.9	325.0	-39.7	-66.7	242.5	35.4	34.5	-7.7	321.8	321.8	99.9	99.9	39.8	94.
34.8	86.2	9127.4	300.0	-44.4	-69.4	244.0	31.3	32.4	-8.1	322.7	322.7	99.9	99.9	43.9	97.
36.9	90.4	9404.1	275.0	-49.5	-69.9	245.5	41.8	40.3	-11.2	323.6	323.6	99.9	99.9	48.7	98.
39.1	95.3	9721.5	250.0	-55.0	-69.9	240.3	34.7	38.1	-6.9	324.3	324.3	99.9	99.9	53.9	98.
41.5	100.2	10137.5	225.0	-59.0	-69.9	279.5	43.6	43.2	-7.2	328.2	328.2	99.9	99.9	59.9	98.
44.2	105.1	11323.5	200.0	-57.8	-69.9	288.5	44.8	44.8	-11.0	341.2	341.2	99.9	99.9	67.3	99.
47.1	111.0	12746.1	175.0	-59.0	-69.9	261.2	37.2	36.7	5.7	352.6	352.6	99.9	99.9	72.7	99.
50.9	117.1	13724.8	150.0	-61.4	-69.9	265.1	35.6	35.5	3.1	364.3	364.3	99.9	99.9	79.7	97.
54.6	124.3	14853.4	125.0	-65.3	-69.9	274.5	35.2	35.1	-2.8	376.7	376.7	99.9	99.9	88.4	98.
60.0	132.3	16144.1	100.0	-64.6	-69.4	267.2	27.8	27.7	1.4	393.2	393.2	99.9	99.9	98.1	98.
66.0	140.7	17905.1	75.0	-70.7	-69.9	263.0	26.8	26.4	3.3	474.7	474.7	99.9	99.9	111.4	98.
75.0	146.7	20352.0	50.0	-63.5	-69.9	252.4	18.8	17.7	5.6	493.9	493.9	99.9	99.9	122.2	94.
89.1	158.0	24638.2	25.0	-55.7	-69.9	276.0	28.9	28.7	-3.8	624.6	624.6	99.9	99.9	138.9	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE (IN TIME HAVE BEEN INTERPOLATED

\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENSVILLE, TEN6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	WEIGHT GPM	PROS MU	TEMP DG C	NEW PT DG C	DIR DG	SPD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT F DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.9	139.7	976.7	-3.5	-6.6	350.0	5.1	0.9	-5.0	271.8	277.9	2.4	78.0	0.0	0.
00.0	00.0	00.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.1	612.0	975.0	-3.3	-5.9	347.0	8.0	1.7	-7.9	272.1	278.6	2.5	82.0	0.2	169.
0.6	10.1	615.1	950.0	-6.8	-5.7	344.4	8.0	2.4	-9.4	272.6	279.4	2.6	93.4	0.4	160.
1.5	12.3	472.1	925.0	-7.0	-7.1	337.2	10.2	3.9	-9.4	272.5	278.8	2.4	98.6	0.8	164.
2.2	14.7	1060.5	900.0	-8.3	-8.9	360.6	12.8	4.3	-12.0	273.3	278.9	2.2	95.4	1.3	162.
3.0	16.3	1251.7	875.0	-7.5	-9.9	338.2	16.0	5.9	-18.0	281.7	281.7	2.1	83.2	1.9	162.
3.6	19.2	1685.9	850.0	-6.5	-9.1	335.5	16.1	6.7	-15.6	279.6	280.2	2.4	88.3	2.7	160.
4.7	21.4	1714.6	825.0	-6.4	-14.3	329.6	14.3	7.2	-12.3	282.1	284.9	1.7	60.9	3.5	159.
5.6	23.9	1967.0	810.0	-3.1	-20.7	314.7	14.4	9.3	-11.0	288.0	290.7	0.9	24.0	4.2	156.
6.5	25.2	2211.0	775.0	-4.2	-22.4	311.0	15.6	11.8	-10.3	289.4	291.9	0.6	22.6	5.0	153.
7.2	26.7	2471.0	750.0	-4.8	-26.1	300.7	19.4	16.7	-9.9	291.4	293.3	0.6	17.6	5.7	149.
8.3	31.2	2917.0	725.0	-6.0	-23.0	289.5	22.5	21.2	-7.5	293.0	295.5	0.8	24.5	6.5	145.
8.9	34.9	1011.1	700.0	-7.4	-13.7	276.9	27.2	27.0	-3.3	294.6	300.1	1.9	60.3	7.6	138.
9.6	36.1	1224.1	675.0	-8.8	-9.0	268.1	30.3	30.3	-1.0	296.2	303.3	2.9	98.2	8.8	130.
10.7	39.1	3564.5	650.0	-9.3	-9.5	261.0	31.7	31.8	5.0	298.7	307.0	2.9	98.3	10.1	123.
11.7	41.3	1940.1	625.0	-11.6	-18.0	265.1	31.9	31.8	2.9	299.4	305.1	1.6	61.1	11.6	116.
12.5	43.6	4231.5	600.0	-10.4	-37.9	275.6	34.9	34.8	-3.4	303.6	308.5	0.3	8.9	13.6	112.
13.3	47.3	4513.1	575.0	-10.1	-29.0	278.4	37.4	37.4	-3.5	308.2	310.1	0.6	19.6	15.9	110.
14.9	50.4	9370.6	550.7	-13.1	-23.1	274.7	40.2	40.1	-3.3	308.4	311.8	1.1	43.2	18.3	109.
16.3	53.4	5221.6	525.0	-15.5	-20.4	271.1	40.0	40.0	-0.8	310.0	314.5	1.4	65.5	20.9	107.
17.7	56.4	5591.0	500.0	-17.1	-20.2	271.7	43.0	42.9	-1.3	312.3	315.2	0.9	44.7	23.7	105.
18.4	58.5	5971.6	475.0	-20.1	-30.6	270.5	40.5	40.5	-0.3	313.1	315.2	0.6	38.5	26.6	103.
19.6	62.9	6373.1	450.0	-21.3	-45.0	271.1	45.3	45.1	-0.9	316.4	317.0	0.1	9.4	29.8	102.
20.4	66.1	6742.3	425.0	-24.5	-56.7	269.6	40.4	40.6	0.3	317.5	317.6	0.0	3.3	32.9	101.
22.3	69.7	7210.2	400.0	-28.4	-53.9	270.0	45.0	45.0	0.0	318.0	318.2	0.1	6.5	36.4	100.
23.0	73.3	7594.0	375.0	-32.6	-56.2	273.7	52.5	52.4	-3.4	318.1	318.3	0.0	7.5	41.1	99.
25.7	72.0	8127.0	351.0	-37.4	-53.1	274.7	41.3	41.2	-3.4	318.3	318.6	0.1	17.3	46.8	98.
26.9	80.4	4671.4	325.0	-61.8	99.9	280.9	51.8	50.7	-0.0	319.0	999.9	99.9	999.9	50.1	98.
28.6	85.1	9213.0	300.0	-47.0	99.9	284.9	51.0	49.3	-13.1	319.2	999.9	99.9	999.9	54.5	99.
30.9	84.4	9783.4	275.0	-51.4	94.9	283.2	43.4	42.2	-10.4	320.4	999.9	99.9	999.9	61.0	99.
33.1	46.2	10397.7	250.0	-55.0	94.9	282.1	74.8	73.1	-15.7	324.3	999.9	99.9	999.9	70.2	100.
35.4	49.0	11064.0	225.0	-58.2	90.9	280.7	59.0	57.9	-11.0	329.4	999.9	99.9	999.9	78.2	100.
37.7	195.2	11003.4	200.0	-60.3	99.9	291.9	48.7	45.2	-18.2	337.4	999.9	99.9	999.9	86.4	100.
40.7	110.0	12611.9	175.0	-57.2	94.9	276.5	51.1	50.8	-5.0	355.4	999.9	99.9	999.9	98.9	101.
44.1	116.0	13410.0	150.0	-59.2	94.9	272.3	71.8	71.7	-2.9	368.1	999.9	99.9	999.9	104.8	100.
46.4	123.3	16745.4	125.0	-62.9	94.9	272.5	63.3	63.2	-2.9	381.1	999.9	99.9	999.9	114.4	99.
53.3	120.8	14110.6	100.0	-62.4	94.9	277.9	61.0	60.4	-2.4	407.1	999.9	99.9	999.9	129.4	98.
59.6	130.0	17872.4	75.0	-62.2	94.9	274.6	88.1	87.8	-7.4	442.4	999.9	99.9	999.9	137.1	98.
68.1	107.3	23366.9	50.0	-62.8	94.9	276.2	43.3	43.0	-0.7	495.6	999.9	99.9	999.9	140.8	97.
81.4	150.3	24480.0	25.0	-59.9	99.9	283.3	34.3	33.4	-7.9	612.5	999.9	99.9	999.9	161.3	96.

0 BY SPD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT CM	PHAS MB	TEMP UG C	DEW PT UG C	WIND DG	WIND M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT V DG K	MR PTO CM/KG	RM PC7	RANGE NM	AZ DG
0.0	7.0	315.0	943.0	8.5	6.0	100.0	5.1	0.0	-5.1	293.8	299.1	0.0	0.0	0.0	0.0
0.5	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.5	140.7	975.0	7.7	3.8	2.0	5.9	-0.3	-5.9	293.6	297.0	5.2	76.4	0.2 177.	0.0
1.1	10.7	600.1	950.0	5.5	3.5	20.1	7.4	-3.3	-6.7	293.6	297.0	5.2	76.4	0.4 187.	0.0
1.9	12.9	818.8	925.0	9.9	5.0	10.2	11.0	-2.1	-11.0	297.2	303.4	6.2	91.3	0.9 187.	0.0
2.0	15.2	1045.4	900.0	9.9	5.1	307.2	5.5	4.4	-3.3	298.4	304.5	6.1	94.3	1.1 188.	0.0
3.5	17.4	1275.1	875.0	5.0	4.2	297.9	4.0	4.3	-2.2	297.7	305.4	5.9	94.8	1.3 177.	0.0
4.5	19.9	1511.6	850.0	4.3	3.5	312.9	7.9	5.4	-5.4	299.4	306.9	5.8	94.8	1.5 166.	0.0
5.1	22.1	1750.4	825.0	2.5	1.6	317.3	9.9	6.7	-7.3	291.0	306.0	5.2	93.9	1.9 159.	0.0
6.2	24.6	2101.0	800.0	0.8	-1.8	317.8	11.0	8.0	-8.0	292.5	307.1	5.2	93.9	2.4 155.	0.0
6.9	26.9	2257.6	775.0	-0.3	-8.0	317.8	13.1	10.7	-7.6	293.8	307.4	2.7	50.1	3.0 151.	0.0
7.7	27.9	2521.2	750.0	0.5	-9.5	291.6	13.0	12.8	-5.1	297.4	304.6	2.5	47.2	3.5 145.	0.0
8.4	32.2	2743.4	725.0	1.3	-22.5	298.3	10.1	15.3	-9.1	301.0	303.7	0.9	25.0	4.0 139.	0.0
9.6	34.9	1075.6	700.0	0.5	-15.5	298.2	19.0	19.2	-6.9	303.2	308.2	1.6	28.9	5.0 133.	0.0
10.4	37.4	1364.7	675.0	-1.0	-14.4	277.3	21.2	21.0	-2.9	304.8	310.4	1.8	35.1	6.1 126.	0.0
11.0	40.2	1647.0	650.0	-2.7	-14.5	269.5	20.9	20.9	0.2	306.2	312.0	1.9	39.6	7.2 121.	0.0
12.6	42.9	1976.3	625.0	-4.7	-14.6	260.3	21.9	21.5	3.7	307.3	313.3	2.0	45.5	8.2 116.	0.0
13.3	45.9	2297.1	600.0	-7.0	-16.1	260.5	22.1	21.8	3.6	308.3	313.0	1.8	48.2	9.3 111.	0.0
14.3	48.9	2620.0	575.0	-9.2	-19.0	269.0	23.2	23.2	0.4	309.3	314.0	1.5	44.9	10.3 106.	0.0
15.3	51.6	2970.5	550.0	-11.5	-19.9	278.5	26.9	26.6	-0.0	310.6	315.1	1.4	49.4	12.0 100.	0.0
16.7	54.9	3321.7	525.0	-13.5	-25.0	279.5	27.7	27.1	-4.5	312.2	315.2	0.9	35.3	14.2 105.	0.0
18.5	57.5	3670.0	500.0	-15.0	-26.2	277.4	28.2	28.0	-3.6	314.8	316.2	0.6	17.6	17.1 104.	0.0
20.1	61.1	4042.3	475.0	-17.0	-60.7	274.3	25.9	25.8	-2.2	316.9	317.0	0.0	1.0	19.8 103.	0.0
21.5	64.6	4440.4	450.0	-19.4	-62.3	277.9	25.9	25.7	-3.6	318.8	318.8	0.0	1.0	21.9 102.	0.0
22.7	67.9	4800.5	425.0	-22.5	-64.3	283.2	27.1	26.4	-6.2	320.1	320.1	0.0	1.0	23.8 102.	0.0
23.9	71.3	5151.0	400.0	-26.6	-66.9	285.1	27.3	26.3	-7.6	320.3	320.4	0.0	1.0	25.9 103.	0.0
25.1	75.0	5512.4	375.0	-30.5	-69.5	290.0	27.5	25.9	-9.4	321.1	321.2	0.0	1.0	27.9 103.	0.0
26.7	78.9	5824.5	350.0	-34.8	-66.2	290.3	29.6	27.6	-10.5	321.7	321.7	0.0	7.5	30.7 103.	0.0
28.5	82.7	6111.3	325.0	-39.1	-66.0	290.2	30.0	27.9	-11.7	322.7	322.8	0.0	3.9	34.2 104.	0.0
30.5	86.5	6390.1	300.0	-44.0	99.9	290.0	35.0	33.7	-12.2	323.3	323.3	99.9	99.9	38.0 105.	0.0
32.0	91.3	6711.7	275.0	-49.0	99.9	295.5	36.1	34.6	-9.7	324.2	324.2	99.9	99.9	42.5 105.	0.0
34.9	95.4	10509.2	250.0	-54.4	99.9	281.8	38.4	33.6	-7.0	325.2	325.2	99.9	99.9	47.2 105.	0.0
36.9	100.5	11210.1	225.0	-60.9	99.9	274.6	38.5	30.5	-2.3	325.2	325.2	99.9	99.9	52.4 105.	0.0
39.2	106.3	11930.1	200.0	-64.8	99.9	274.6	35.4	33.1	-12.0	330.1	330.1	99.9	99.9	56.2 106.	0.0
42.0	112.0	12771.0	175.0	-64.3	99.9	293.5	39.6	37.3	-15.4	333.7	333.7	99.9	99.9	62.4 105.	0.0
45.2	118.1	13730.0	150.0	-61.0	99.9	287.3	40.0	38.2	-11.9	365.0	365.0	99.9	99.9	69.0 105.	0.0
49.1	125.5	14955.2	125.0	-64.9	99.9	291.8	29.8	27.7	-11.1	377.5	377.5	99.9	99.9	77.0 105.	0.0
53.7	133.0	16207.6	100.0	-69.0	99.9	295.2	37.9	36.6	-9.0	394.5	394.5	99.9	99.9	88.3 105.	0.0
59.4	141.3	17917.9	75.0	-69.8	99.9	279.4	13.7	13.7	-1.3	426.5	426.5	99.9	99.9	97.7 105.	0.0
68.0	149.7	20704.8	50.0	-66.1	99.9	279.2	19.0	19.0	-3.2	487.0	487.0	99.9	99.9	104.2 104.	0.0
82.0	158.7	24051.8	25.0	-59.0	99.9	99.9	99.9	99.9	99.9	615.4	615.4	99.9	99.9	999.9 999.	0.0

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0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1115 GMT

ANC ES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

136 75. 1

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG F	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	873.0	923.1	-2.8	-5.0	40.0	6.7	-4.3	-5.1	277.0	284.5	2.9	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	14.3	1071.6	900.0	-4.2	-4.3	356.5	3.5	0.2	-3.4	277.5	285.6	3.1	99.6	0.4	207.
1.6	16.7	1295.1	875.0	-6.0	-6.1	19.6	9.0	-3.0	-8.5	277.8	285.2	2.8	99.9	0.8	202.
2.4	19.3	1521.5	850.0	-7.8	-7.9	16.5	10.1	-2.9	-9.8	278.3	284.9	2.5	99.4	1.2	201.
3.3	21.7	1753.5	825.0	-7.6	-14.7	2.5	12.9	-0.6	-12.9	280.7	285.0	1.5	60.7	1.8	198.
4.1	24.4	1944.4	800.0	-4.8	-18.4	344.7	13.3	3.5	-12.9	286.2	289.4	1.1	33.3	2.5	192.
5.0	27.0	2244.9	775.0	-3.5	-18.7	324.8	16.8	8.5	-14.5	290.2	293.5	1.1	29.7	3.1	184.
5.8	29.4	2503.4	750.0	-4.9	-18.2	314.9	19.2	13.6	-13.6	291.4	295.0	1.2	34.3	3.9	174.
6.8	32.7	2764.7	725.0	-6.0	-13.8	240.3	19.7	17.7	-8.7	293.1	298.3	1.6	54.2	4.7	164.
7.8	35.5	3044.2	700.0	-6.5	-17.9	280.5	21.1	20.7	-3.8	295.6	304.2	3.0	89.9	5.5	153.
8.9	38.3	3324.1	675.0	-5.6	-17.3	272.2	22.2	22.0	-2.8	299.5	303.9	1.5	39.5	6.3	142.
9.9	41.1	3624.7	650.0	-6.1	-23.5	285.0	21.8	21.1	-5.6	302.2	304.9	0.9	23.7	7.4	135.
11.0	44.1	3931.7	625.0	-6.5	-20.6	269.2	23.9	22.6	-7.9	305.1	308.8	1.2	31.4	8.7	131.
12.1	47.4	4249.3	600.0	-9.1	-19.7	287.6	27.0	25.8	-8.2	305.8	309.9	1.3	41.7	10.3	127.
13.3	50.4	4577.1	575.0	-11.9	-19.7	286.7	29.1	27.9	-8.4	306.2	310.7	1.5	55.4	12.2	124.
14.4	53.6	4915.7	550.0	-14.3	-17.7	284.6	31.1	30.1	-7.9	307.3	312.7	1.7	75.1	14.2	121.
15.7	56.9	5267.9	525.0	-15.1	-22.5	285.3	31.3	30.2	-8.3	310.4	314.2	1.2	53.2	16.6	119.
17.0	60.3	5535.9	500.0	-16.7	-25.5	282.2	33.9	33.1	-7.2	312.8	315.9	1.0	46.2	18.9	117.
18.4	64.0	6020.7	475.0	-18.3	-31.0	283.6	37.4	36.3	-8.4	315.3	317.4	0.6	31.6	21.8	115.
19.8	67.4	6422.6	450.0	-11.3	-35.7	288.0	36.1	34.3	-11.1	316.5	317.9	0.4	25.6	24.8	114.
21.2	71.0	6841.5	425.0	-21.6	-39.1	288.6	37.4	35.4	-11.9	317.4	318.5	0.3	24.4	28.0	113.
22.7	75.0	7280.2	400.0	-27.7	-44.3	286.7	41.3	39.5	-11.9	319.2	319.9	0.2	18.3	31.4	113.
24.1	79.0	7741.0	375.0	-31.2	-46.4	287.3	39.3	36.6	-11.4	320.3	320.8	0.2	20.4	35.1	112.
25.7	83.0	8226.1	350.0	-35.3	-50.0	291.0	44.2	41.3	-15.9	321.5	321.5	0.1	20.3	38.6	112.
27.4	87.3	8737.3	325.0	-40.1	-59.9	293.2	43.0	39.6	-17.0	321.5	321.5	99.9	99.9	43.2	112.
28.9	91.3	9277.7	300.0	-45.0	-69.9	296.4	43.7	39.2	-19.4	321.9	321.9	99.9	99.9	47.0	112.
30.5	96.6	9852.8	275.0	-49.9	-69.9	294.7	43.8	39.8	-18.3	323.0	323.0	99.9	99.9	51.5	112.
32.4	101.4	10463.5	250.0	-54.5	-69.9	294.0	51.6	47.1	-21.0	325.0	325.0	99.9	99.9	56.4	113.
34.4	107.0	11134.8	225.0	-60.2	-69.9	288.4	51.9	47.1	-16.7	326.2	326.2	99.9	99.9	62.6	113.
36.3	112.4	11863.0	200.0	-64.6	-69.9	290.4	57.0	53.4	-19.9	330.5	330.5	99.9	99.9	68.6	112.
38.2	114.3	12697.7	175.0	-60.9	-69.9	303.4	44.6	37.3	-24.6	349.5	349.5	99.9	99.9	75.0	112.
40.7	125.0	13650.4	150.0	-60.1	-69.9	288.0	47.2	40.1	-13.0	366.6	366.6	99.9	99.9	80.9	112.
43.3	131.9	14783.4	125.0	-62.5	-69.9	291.1	51.5	48.1	-18.5	381.8	381.8	99.9	99.9	88.7	112.
46.3	138.5	16144.7	100.0	-66.6	-69.9	292.0	55.2	52.8	-13.2	399.9	399.9	99.9	99.9	95.9	112.
50.4	146.3	17832.5	75.0	-68.3	-69.9	99.9	99.9	99.9	99.9	429.7	429.7	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
MATTERAS, NC

6 FEBRUARY 1975  
1115 GMT

161 10. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.0	4.0	1010.0	8.7	6.0	270.0	5.7	5.7	0.0	281.7	296.6	5.8	83.0	0.0	0.
0.3	5.0	92.8	1000.0	7.5	5.2	223.0	7.6	5.2	5.6	281.3	295.5	5.6	85.5	0.4	94.
1.0	6.9	301.1	975.0	5.6	3.9	245.0	8.1	7.3	3.4	281.5	294.8	5.2	88.2	0.6	78.
1.7	9.1	514.0	950.0	7.3	5.8	289.3	12.0	11.4	-4.0	285.4	301.3	6.1	90.3	1.0	85.
2.3	11.2	735.1	925.0	8.9	3.5	296.5	12.5	11.2	-5.6	289.1	303.7	5.5	70.6	1.4	94.
3.1	13.5	961.5	900.0	7.3	1.6	276.2	12.0	11.9	-1.7	289.6	302.4	4.8	67.0	1.9	99.
3.8	15.6	1193.8	875.0	8.1	-0.2	271.3	18.8	18.8	-0.4	292.7	304.6	4.3	56.1	2.6	97.
4.5	17.9	1433.0	850.0	8.2	-11.1	272.9	24.5	24.5	-1.2	295.0	300.6	1.9	24.1	3.5	96.
5.2	20.3	1679.4	825.0	8.2	-16.2	262.1	26.9	26.7	3.7	297.4	301.3	1.3	16.0	4.6	94.
6.0	22.6	1933.0	800.0	7.6	-19.5	248.2	28.2	24.3	9.7	299.3	302.5	1.0	12.5	5.8	90.
6.8	25.1	2193.6	775.0	6.5	-20.2	242.8	26.8	24.8	12.2	300.9	304.0	1.0	12.7	7.0	85.
7.7	27.4	2461.3	750.0	4.3	-21.8	241.0	27.9	24.4	13.5	301.3	304.1	0.9	12.9	8.4	81.
8.6	30.0	2735.6	725.0	2.2	-23.3	242.5	30.1	26.7	13.9	301.9	304.4	0.8	13.1	9.8	78.
9.4	32.6	3018.0	700.0	0.2	-24.0	244.4	32.3	29.1	14.0	302.7	305.2	0.8	14.1	11.2	76.
10.2	35.2	3308.0	675.0	-2.0	-25.1	244.8	31.6	28.6	13.4	303.5	305.9	0.7	15.0	12.8	75.
11.2	37.8	3606.2	650.0	-4.6	-27.0	248.7	32.1	29.9	11.7	303.9	305.9	0.6	15.2	14.7	74.
12.2	40.5	3914.6	625.0	-5.6	-28.6	253.6	32.3	31.0	9.1	308.1	309.9	1.2	29.6	16.6	73.
13.3	43.2	4233.9	600.0	-7.1	-22.5	252.8	31.5	30.1	9.3	308.0	311.3	1.0	28.0	18.7	74.
14.4	46.2	4564.0	575.0	-10.0	-24.3	248.5	35.3	32.9	13.0	308.3	311.3	0.9	29.9	20.8	73.
15.3	49.1	4904.6	550.0	-13.0	-23.7	244.8	37.2	33.6	15.8	308.7	312.0	1.0	40.1	23.0	73.
16.4	52.0	5257.8	525.0	-15.5	-27.7	240.7	38.8	33.8	19.0	309.9	312.3	0.7	34.0	25.2	72.
17.4	55.1	5624.5	500.0	-18.0	-30.2	242.1	41.0	36.2	19.2	311.1	313.1	0.6	33.3	27.9	71.
18.7	58.3	6008.2	475.0	-20.7	-29.8	247.9	43.0	41.6	16.9	312.4	314.7	0.7	43.3	31.0	70.
19.8	61.6	6403.9	450.0	-23.2	-31.3	232.4	45.4	43.3	13.8	314.0	316.1	0.6	47.4	34.1	70.
21.0	65.0	6819.6	425.0	-26.1	-36.1	252.5	48.0*	45.8	14.5	315.5	316.9	0.4	38.2	37.6	70.
22.4	68.5	7256.2	400.0	-29.1	-39.9	251.3	48.7*	46.1	15.6	317.1	318.1	0.3	34.1	41.6	70.
23.8	72.0	7713.7	375.0	-33.0	-43.4	250.1	51.5*	48.4	17.5	317.9	318.7	0.2	33.9	45.6	70.
25.3	76.0	8195.7	350.0	-36.7	-46.2	247.8	50.6*	46.8	14.3	319.2	319.7	0.1	28.7	50.2	70.
26.8	80.0	8704.5	325.0	-40.9	-49.9	243.2	51.4*	45.8	23.1	320.3	322.5	99.9	99.9	54.9	70.
28.4	84.2	9244.6	300.0	-44.6	-49.9	240.6	53.7*	57.3	32.2	322.5	322.5	99.9	99.9	60.5	69.
30.2	88.5	9822.4	275.0	-48.6	-49.9	237.5	67.2*	56.7	36.1	324.8	324.8	99.9	99.9	67.2	68.
32.2	93.4	10443.2	250.0	-52.6	-49.9	231.6	73.3*	64.5	34.6	327.9	327.9	99.9	99.9	75.1	67.
34.3	98.4	11116.8	225.0	-56.9	-49.9	239.9	59.9*	47.5	27.6	331.4	331.4	99.9	99.9	85.7	66.
36.6	103.8	11864.6	200.0	-56.4	-49.9	245.1	53.7*	48.7	22.6	343.5	343.5	99.9	99.9	94.4	66.
39.2	110.0	12711.3	175.0	-56.3	-49.9	249.1	52.9*	49.4	18.9	357.0	357.0	99.9	99.9	106.1	66.
42.2	116.3	13683.7	150.0	-56.2	-49.9	245.8	55.3*	50.5	22.7	369.9	369.9	99.9	99.9	116.5	67.
45.8	124.0	14820.8	125.0	-63.6	-49.9	245.9	47.9*	43.7	19.5	379.9	379.9	99.9	99.9	132.0	67.
49.5	132.3	16189.2	100.0	-64.5	-49.9	242.2	48.5*	42.9	22.6	403.2	403.2	99.9	99.9	143.1	67.
54.3	141.3	17920.8	75.0	-68.6	-49.9	241.7	25.0*	22.0	11.8	429.1	429.1	99.9	99.9	154.3	66.
61.5	151.3	20377.7	50.0	-69.1	-49.9	249.1	16.9*	17.6	6.7	490.2	490.2	99.9	99.9	161.2	66.
72.3	161.3	24662.5	25.0	-60.4	-49.9	288.2	12.5*	11.9	-3.9	611.5	611.5	99.9	99.9	174.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

106 31. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0-0	8-1	246-0	982-4	5-6	5-6	220-0	3-1	2-0	2-4	280-9	295-8	5-8	100-0	0-0	0-0
99-9	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-2	8-7	307-9	975-0	4-8	4-8	356-0	5-3	0-4	-5-2	280-7	294-8	5-5	100-4	0-4	49-0
0-9	10-8	520-7	950-0	6-1	5-5	327-6	8-1	4-3	-6-0	284-2	299-7	6-0	95-8	0-5	94-0
1-7	13-1	739-1	925-0	5-3	-0-8	297-8	15-0	13-2	-7-0	285-2	295-6	3-9	64-7	1-0	109-0
2-4	15-3	964-1	900-0	6-3	0-6	284-8	17-7	17-1	-4-5	286-6	300-5	4-4	67-0	1-7	110-0
3-1	17-4	1194-7	875-0	5-4	-3-0	274-5	18-5	18-5	-1-4	289-8	299-8	3-7	57-5	2-5	107-0
4-0	19-8	1431-5	850-0	5-2	-15-4	269-1	18-9	18-9	0-3	291-8	295-7	1-4	20-8	3-4	102-0
4-7	22-1	1674-4	825-0	3-5	-16-4	268-7	19-6	19-6	0-5	292-5	296-3	1-3	21-6	4-3	100-0
5-6	24-5	1923-2	800-0	1-4	-19-2	268-3	19-1	18-8	3-2	292-8	295-9	1-0	19-8	5-2	97-0
6-4	26-8	2177-7	775-0	-0-0	-23-0	258-8	23-2	22-8	4-5	293-9	296-2	0-8	15-7	6-1	94-0
7-3	29-3	2439-4	750-0	-1-6	-25-4	250-1	25-5	24-0	8-7	294-9	296-9	0-6	14-1	7-4	90-0
8-2	31-9	2708-5	725-0	-2-7	-24-2	248-4	27-9	25-9	10-3	296-6	298-9	0-7	17-3	8-7	87-0
9-0	34-6	2988-7	700-0	-3-4	-21-0	251-6	30-2	28-7	9-5	298-9	302-0	1-0	23-9	10-2	84-0
9-9	37-0	3273-1	675-0	-5-2	-20-4	255-0	33-7	32-6	6-7	299-9	303-4	1-1	29-1	11-8	83-0
10-9	39-9	3568-3	650-0	-7-4	-36-2	256-1	37-0	35-9	8-9	300-6	301-5	0-3	7-8	13-8	82-0
11-8	42-4	3872-6	625-0	-9-4	-34-9	254-9	39-3	37-9	10-2	301-7	302-7	0-3	10-4	16-0	81-0
12-6	45-3	4187-0	600-0	-11-3	-30-9	252-5	41-8	39-9	12-5	303-2	306-9	1-2	44-9	18-5	80-0
13-6	48-2	4512-1	575-0	-13-7	-20-8	252-5	41-3	39-4	12-4	304-1	308-0	1-3	54-9	20-8	79-0
15-0	51-0	4849-5	550-0	-14-6	-21-9	253-2	43-8	42-0	12-7	306-8	310-6	1-2	53-6	23-9	78-0
16-2	54-0	5200-8	525-0	-16-8	-20-0	253-1	46-6	44-6	13-5	308-3	311-6	1-0	53-6	27-1	78-0
17-7	57-0	5565-8	500-0	-18-3	-27-3	254-3	45-8	44-1	12-4	310-7	313-4	0-8	45-1	30-2	77-0
18-4	60-3	5948-0	475-0	-20-0	-37-8	251-7	50-8	48-2	16-0	313-2	314-3	0-3	18-6	34-0	77-0
20-1	63-6	6345-9	450-0	-24-0	-40-3	252-0	48-3	46-0	14-9	313-1	313-9	0-2	20-4	38-3	76-0
21-5	66-8	6760-3	425-0	-27-0	-41-3	253-2	58-8	56-3	17-0	314-3	315-1	0-2	24-2	42-9	76-0
22-8	70-3	7174-4	400-0	-30-0	-45-6	250-4	50-3	47-4	16-9	315-9	316-5	0-2	28-1	51-3	75-0
24-3	73-7	7650-2	375-0	-34-2	-48-3	245-5	47-9	43-6	19-8	316-3	316-8	0-2	33-0	56-8	74-0
25-9	77-6	8128-8	350-0	-38-3	-42-7	245-7	57-5	52-4	23-6	317-0	317-9	0-2	63-0	62-5	73-0
27-7	81-3	8633-5	325-0	-42-9	99-9	244-4	58-8	53-0	25-4	317-6	319-9	99-9	99-9	62-5	73-0
29-8	85-4	9168-1	300-0	-47-3	99-9	247-0	60-2	55-4	23-6	318-7	319-9	99-9	99-9	60-9	73-0
31-8	89-8	9737-1	275-0	-52-3	99-9	246-7	52-5	47-5	22-4	319-5	319-9	99-9	99-9	76-5	72-0
33-9	94-4	10347-2	250-0	-56-7	99-9	247-7	65-6	60-8	24-9	321-9	321-9	99-9	99-9	83-6	71-0
36-3	99-2	11012-2	225-0	-57-8	99-9	244-8	58-0	52-5	24-7	330-0	330-0	99-9	99-9	92-9	71-0
38-3	104-0	11753-6	200-0	-59-9	99-9	242-3	52-0	46-1	24-2	338-0	338-0	99-9	99-9	100-1	70-0
41-0	109-8	12598-8	175-0	-55-8	99-9	99-9	99-9	99-9	99-9	357-9	357-9	99-9	99-9	99-9	99-9
43-9	115-6	13573-8	150-0	-57-9	99-9	99-9	99-9	99-9	99-9	370-3	370-3	99-9	99-9	99-9	99-9
47-4	122-5	14700-7	125-0	-63-3	99-9	99-9	99-9	99-9	99-9	380-4	380-4	99-9	99-9	99-9	99-9
51-5	130-0	16068-5	100-0	-66-8	99-9	99-9	99-9	99-9	99-9	398-8	398-8	99-9	99-9	99-9	99-9
57-1	138-0	17822-4	75-0	-65-0	99-9	99-9	99-9	99-9	99-9	436-7	436-7	99-9	99-9	99-9	99-9
64-4	146-3	20299-3	50-0	-64-9	99-9	244-5	22-6	20-4	9-7	490-7	490-7	99-9	99-9	100-6	68-0
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC  
6 FEBRUARY 1975  
1116 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	7.7	275.0	976.7	3.3	3.3	200.0	3.6	1.2	3.4	279.0	291.6	5.0	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	7.6	289.2	975.0	3.7	3.3	237.0	4.5	3.8	2.5	279.5	292.2	5.0	97.2	0.1	23.
0.8	10.1	500.5	950.0	3.3	-1.2	267.0	7.7	7.7	0.4	281.0	290.7	3.7	72.5	0.3	65.
1.7	12.1	718.6	929.0	5.9	-0.6	278.4	10.4	10.3	-1.5	285.9	296.5	4.0	82.9	0.7	85.
2.6	14.4	943.0	900.0	5.6	-0.5	277.0	12.5	12.4	-1.5	287.9	298.9	4.1	64.7	1.3	91.
3.5	16.5	1173.3	875.0	4.8	-2.1	269.7	15.5	15.5	0.1	289.3	299.5	3.8	60.8	2.0	92.
4.3	18.6	1409.1	850.0	3.2	-4.3	265.9	17.4	17.3	1.3	289.9	299.9	3.3	57.9	3.0	90.
5.3	21.0	1650.5	825.0	1.6	-3.8	262.2	19.8	15.7	2.2	290.7	300.4	3.5	67.5	3.9	89.
6.2	23.4	1897.8	800.0	-0.6	-5.9	262.4	16.9	16.8	2.2	290.9	299.4	3.1	67.6	4.7	88.
7.0	25.8	2150.9	775.0	-1.8	-11.8	261.8	21.2	21.0	3.0	292.1	297.8	2.0	46.4	5.7	87.
7.9	28.2	2411.5	750.0	-2.1	-24.5	258.0	25.4	24.8	5.3	294.4	296.5	0.7	16.0	6.9	86.
8.8	30.8	2679.9	725.0	-3.8	-26.7	257.4	28.7	28.0	6.3	295.3	297.2	0.6	14.8	8.5	84.
9.7	33.5	2956.3	700.0	-5.1	-27.0	257.3	31.3	30.5	6.9	296.9	298.7	0.6	16.0	10.1	83.
10.6	36.0	3241.2	675.0	-6.3	-26.9	253.2	34.2	32.7	9.9	298.7	300.7	0.6	17.6	11.8	82.
11.6	38.8	3535.4	650.0	-8.2	-27.8	249.3	34.9	32.6	12.3	299.8	301.6	0.6	18.7	14.0	80.
12.8	41.4	3838.7	625.0	-10.4	-30.0	251.2	32.8	31.1	10.5	300.6	302.2	0.5	18.1	16.2	79.
13.9	44.4	4131.5	600.0	-12.2	-31.7	248.9	34.4	33.2	9.0	302.0	303.5	0.4	17.9	18.4	78.
15.1	47.5	4476.2	575.0	-13.6	-28.8	255.9	42.3	41.1	10.3	304.1	306.1	0.6	26.2	21.2	78.
16.3	50.4	4813.3	550.0	-15.4	-24.0	253.2	45.3	43.4	13.1	305.9	309.0	1.0	47.5	24.4	77.
17.5	53.5	5163.6	525.0	-17.4	-23.8	250.4	47.6	44.8	16.0	307.6	311.0	1.1	57.2	27.7	77.
18.8	56.6	5527.1	500.0	-20.3	-24.8	252.6	50.0	47.7	15.0	308.4	311.6	1.0	67.3	31.3	76.
20.1	60.0	5905.8	475.0	-22.1	-28.7	252.7	55.8	53.0	19.7	312.7	314.2	0.7	54.9	35.5	76.
21.5	63.6	6301.8	450.0	-24.3	-34.8	249.6	56.5	53.0	19.7	312.7	314.2	0.4	37.3	40.0	75.
22.9	67.0	6716.1	425.0	-27.2	-41.6	248.1	59.5	55.2	22.2	314.1	314.9	0.2	23.8	44.7	74.
24.1	70.6	7149.3	400.0	-31.2	-42.2	253.1	56.9	60.4	16.6	314.3	315.2	0.2	32.9	50.0	74.
25.9	78.8	8082.7	350.0	-38.4	-54.4	249.9	99.9	99.9	99.9	316.9	317.1	0.1	16.4	99.9	99.9
27.9	83.0	8587.3	325.0	-43.0	99.9	99.9	99.9	99.9	99.9	317.5	99.9	99.9	99.9	99.9	99.9
31.8	87.2	9121.6	300.0	-47.3	99.9	99.9	99.9	99.9	99.9	318.7	99.9	99.9	99.9	99.9	99.9
33.9	92.0	9691.0	275.0	-52.2	99.9	99.9	99.9	99.9	99.9	319.6	99.9	99.9	99.9	99.9	99.9
36.2	97.0	10302.2	250.0	-55.7	99.9	99.9	99.9	99.9	99.9	323.3	99.9	99.9	99.9	99.9	99.9
38.7	102.2	10971.2	225.0	-58.2	99.9	99.9	99.9	99.9	99.9	324.4	99.9	99.9	99.9	99.9	99.9
41.4	108.2	11713.4	200.0	-58.5	99.9	99.9	99.9	99.9	99.9	330.1	99.9	99.9	99.9	99.9	99.9
44.5	114.3	12568.4	175.0	-54.3	99.9	99.9	99.9	99.9	99.9	330.2	99.9	99.9	99.9	99.9	99.9
48.0	121.3	13551.7	150.0	-57.8	99.9	99.9	99.9	99.9	99.9	370.5	99.9	99.9	99.9	99.9	99.9
52.0	128.7	14695.1	125.0	-59.9	99.9	99.9	99.9	99.9	99.9	388.5	99.9	99.9	99.9	99.9	99.9
57.1	137.0	16075.5	100.0	-61.6	99.9	99.9	99.9	99.9	99.9	408.7	99.9	99.9	99.9	99.9	99.9
63.7	145.3	17848.0	75.0	-64.5	99.9	99.9	99.9	99.9	99.9	437.8	99.9	99.9	99.9	99.9	99.9
71.5	154.7	20348.2	50.0	-64.2	99.9	99.9	99.9	99.9	99.9	482.4	99.9	99.9	99.9	99.9	99.9
83.3	164.7	24604.4	25.0	-61.4	99.9	99.9	99.9	99.9	99.9	608.0	99.9	99.9	99.9	99.9	99.9

0 BY 1° MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY 1° P MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY 5° MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN6 FEBRUARY 1975  
1115 GMT

151 02. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.3	180.0	992.0	2.8	1.0	300.0	4.1	3.6	-2.0	277.1	287.7	4.2	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	6.1	319.7	975.0	1.1	1.1	264.9	10.0	10.0	0.9	276.8	287.7	4.3	100.1	0.2	190.
1.3	8.3	528.2	950.0	-0.5	-0.5	272.6	7.4	7.4	-0.3	277.2	287.2	3.9	99.8	0.4	119.
2.0	10.3	741.3	925.0	-1.5	-1.6	272.3	7.7	7.7	-0.3	278.2	287.8	3.7	99.7	0.7	109.
2.7	12.5	959.1	900.0	-3.1	-3.2	259.2	7.7	7.5	1.4	278.7	287.5	3.4	99.4	1.0	102.
3.4	14.7	1181.9	875.0	-4.4	-4.5	261.9	8.5	8.4	1.2	279.6	287.8	3.1	99.2	1.3	95.
4.2	16.9	1410.2	850.0	-4.9	-5.0	261.4	9.3	9.1	-1.8	281.4	289.6	3.1	99.2	1.7	95.
6.9	19.3	1644.9	825.0	-5.4	-7.1	277.2	12.7	12.6	-1.6	283.2	290.6	2.7	88.7	2.2	97.
9.7	21.5	1887.0	800.0	-4.9	-12.3	266.4	14.1	14.1	0.4	286.2	291.4	1.9	55.9	2.8	96.
6.4	23.9	2135.8	775.0	-6.1	-14.3	265.5	16.7	16.6	1.3	287.5	292.1	1.6	51.9	3.4	94.
7.2	26.2	2392.9	750.0	-6.1	-17.5	265.6	17.7	17.6	1.7	290.1	293.8	1.3	39.9	4.3	92.
8.1	28.7	2657.6	725.0	-7.6	-18.9	264.5	19.4	19.3	1.9	291.3	294.8	1.2	39.9	5.2	91.
9.0	31.3	2929.8	700.0	-9.2	-24.6	262.7	22.1	21.9	2.8	292.3	294.6	0.7	27.4	6.4	89.
9.8	34.0	3210.2	675.0	-10.7	-28.3	260.6	23.4	23.1	3.8	293.7	295.4	0.5	21.8	7.5	88.
10.7	36.4	3499.6	650.0	-12.3	-35.0	258.8	23.4	23.0	4.6	295.0	296.0	0.3	13.0	8.7	87.
11.7	39.2	3797.9	625.0	-14.8	-44.6	260.3	22.9	22.6	3.9	295.6	296.0	0.1	6.0	10.0	86.
12.7	41.9	4105.8	600.0	-16.4	-59.1	259.2	23.3	23.9	4.6	297.1	297.2	0.0	1.2	11.4	85.
13.6	44.8	4424.2	575.0	-19.0	-64.2	258.1	26.5	25.9	5.4	297.7	297.9	0.0	2.7	13.0	84.
14.7	47.9	4753.2	550.0	-21.8	-65.8	261.7	26.9	26.6	3.9	298.2	298.6	0.1	9.2	14.8	84.
15.6	50.8	5094.1	525.0	-24.4	-51.6	263.8	25.2	25.0	2.7	299.1	299.3	0.1	6.0	16.4	84.
17.0	53.9	5427.4	500.0	-27.4	-45.2	263.8	31.1	29.9	3.2	299.5	300.0	0.1	16.6	18.1	84.
18.1	56.9	5814.7	475.0	-30.0	-43.1	263.8	33.7	33.5	3.6	300.8	301.4	0.2	26.6	20.4	84.
19.3	60.3	6196.8	450.0	-33.5	-38.9	259.6	38.1	38.1	7.0	301.1	302.0	0.3	58.2	23.0	84.
20.4	63.7	6596.3	425.0	-35.4	-30.1	251.7	44.8	42.5	14.0	303.6	304.6	0.3	68.7	25.7	83.
21.8	67.3	7016.7	400.0	-37.6	-41.8	247.6	50.3	52.1	21.0	306.1	306.9	0.2	64.5	29.8	81.
23.0	70.9	7459.6	375.0	-39.9	-43.3	247.9	62.3	57.7	23.4	308.8	309.6	0.2	69.5	34.0	79.
24.7	74.8	7929.1	350.0	-42.0	-49.9	247.4	72.8	68.2	25.6	312.1	312.1	99.9	99.9	40.1	78.
26.2	79.0	8426.7	325.0	-46.1	-49.9	250.4	85.2	80.2	28.4	313.1	313.1	99.9	99.9	47.9	76.
27.8	83.0	8954.1	300.0	-50.3	-49.9	248.9	76.0	70.9	27.3	314.5	314.5	99.9	99.9	55.8	75.
29.7	87.4	9517.5	275.0	-54.4	-49.9	248.2	83.3	73.2	41.9	316.5	316.5	99.9	99.9	65.1	74.
31.6	92.2	10122.4	250.0	-58.0	-49.9	247.4	75.5	69.7	29.1	319.8	319.8	99.9	99.9	74.9	73.
33.9	97.3	10792.5	225.0	-53.2	-49.9	251.3	58.8	55.7	18.8	337.1	337.1	99.9	99.9	83.2	72.
36.5	102.6	11556.1	200.0	-51.7	-49.9	242.4	52.7	46.2	24.2	351.0	351.0	99.9	99.9	91.1	72.
39.2	108.8	12413.9	175.0	-55.8	-49.9	246.1	62.7	57.3	25.4	358.3	358.3	99.9	99.9	101.4	71.
42.5	115.3	13394.9	150.0	-56.8	-49.9	246.3	65.2	60.6	24.1	372.3	372.3	99.9	99.9	115.2	71.
46.6	122.7	14552.1	125.0	-57.1	-49.9	245.3	56.2	51.1	23.5	391.6	391.6	99.9	99.9	125.6	70.
51.2	131.3	15953.1	100.0	-50.1	-49.9	239.2	29.1	25.0	14.9	411.7	411.7	99.9	99.9	135.9	70.
54.9	140.7	17729.2	75.0	-61.4	-49.9	242.2	26.2	26.2	3.6	444.2	444.2	99.9	99.9	148.8	70.
65.4	151.5	20248.3	50.0	-63.8	-49.9	246.7	37.6	34.5	14.9	493.1	493.1	99.9	99.9	161.0	70.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

153 34. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ NG
0.0	5.1	79.0	1009.8	-1.7	-4.5	300.0	5.7	4.9	-2.8	271.0	278.0	2.7	81.0	0.0	0.
0.2	5.7	156.7	1000.0	-2.3	-4.1	257.7	0.4	0.4	0.1	271.2	278.4	2.8	87.8	0.4	78.
0.8	7.7	357.1	975.0	-4.3	-4.9	275.0	0.7	0.7	-0.1	271.1	278.1	2.7	96.2	0.5	117.
1.5	9.6	561.4	950.0	-5.7	-6.1	301.0	8.2	7.1	-4.2	271.7	278.3	2.5	97.0	0.7	118.
2.1	11.8	770.0	925.0	-7.3	-7.7	305.0	10.1	8.3	-5.8	272.1	278.1	2.3	97.3	1.1	119.
3.0	18.0	982.8	900.0	-8.8	-9.2	320.0	7.7	5.0	-5.9	272.7	278.2	2.1	97.4	1.6	122.
3.9	16.0	1201.1	875.0	-9.0	-9.4	315.0	6.0	4.2	-4.2	274.7	280.4	2.1	96.8	1.9	128.
4.9	18.4	1426.3	850.0	-7.2	-7.5	257.3	9.2	9.0	2.0	279.0	285.6	2.6	97.7	2.2	124.
5.7	20.3	1650.2	825.0	-5.8	-6.1	248.7	16.0	14.9	5.8	282.9	290.8	2.9	97.4	2.7	112.
6.4	22.8	1901.3	800.0	-6.4	-6.8	250.8	16.9	16.0	5.6	284.7	292.5	2.9	97.1	3.3	104.
7.4	25.2	2159.3	775.0	-7.4	-7.9	252.3	17.1	16.3	5.2	286.1	293.6	2.7	97.0	4.1	96.
8.4	27.5	2405.2	750.0	-7.5	-7.9	256.4	16.2	15.7	3.8	288.8	296.5	2.8	96.9	5.1	92.
9.5	30.0	2668.8	725.0	-8.4	-8.4	260.4	16.4	16.2	2.7	290.6	297.8	2.6	92.1	6.1	90.
10.5	32.7	2940.1	700.0	-10.8	-14.7	263.2	19.4	19.3	2.3	290.8	295.8	1.8	73.1	7.1	89.
11.6	35.3	3218.6	675.0	-12.7	-18.5	263.2	23.4	23.2	2.8	291.5	295.4	1.3	62.0	8.5	88.
12.5	37.8	3505.8	650.0	-14.8	-20.6	261.9	26.0	25.7	3.7	292.3	295.7	1.1	61.2	10.0	87.
13.7	40.5	3802.0	625.0	-16.5	-20.5	257.0	26.9	26.2	6.1	293.7	297.3	1.2	71.1	11.7	86.
14.8	43.0	4107.5	600.0	-18.8	-22.0	255.1	27.3	26.4	7.0	294.5	297.7	1.1	75.6	13.6	84.
15.0	45.9	4423.2	575.0	-21.6	-24.7	256.1	31.4	30.5	7.6	294.8	297.5	0.9	75.5	15.4	83.
17.1	49.0	4749.6	550.0	-23.5	-26.0	253.9	38.5	37.0	10.7	296.3	298.9	0.8	79.5	17.9	82.
18.1	51.8	5089.4	525.0	-24.4	-25.8	249.0	43.1	40.3	15.5	299.1	301.9	0.9	88.1	20.4	81.
19.3	55.0	5453.6	500.0	-26.5	-28.2	243.7	45.7	47.9	20.2	300.8	303.1	0.7	85.4	23.5	79.
20.5	58.0	5812.3	475.0	-29.4	-31.7	239.4	45.4	39.1	23.1	301.6	303.4	0.6	80.1	26.7	77.
21.9	61.5	6196.1	450.0	-32.5	-37.3	242.0	46.7	43.0	22.9	302.4	303.6	0.3	63.1	30.4	75.
23.3	65.0	6598.3	425.0	-32.5	-46.8	251.1	57.99	54.8	18.8	307.3	313.7	0.1	17.9	34.6	74.
24.7	68.5	7026.4	400.0	-32.7	-37.2	255.5	71.49	69.1	17.9	312.5	313.8	0.4	63.3	40.3	74.
26.1	72.0	7477.3	375.0	-36.3	-41.0	255.0	71.78	69.3	18.5	313.4	314.4	0.3	61.8	46.3	74.
27.8	76.2	7951.3	350.0	-40.7	-49.9	255.8	73.19	70.9	17.9	313.8	314.4	0.3	61.8	46.3	74.
29.5	80.3	8450.5	325.0	-45.4	-49.9	258.1	76.99	75.3	15.9	314.1	314.1	0.9	99.9	51.1	74.
31.3	84.6	8979.0	300.0	-50.1	-49.9	256.3	82.09	79.7	19.3	314.8	314.8	0.9	99.9	69.5	73.
33.4	89.0	9542.6	275.0	-53.2	-49.9	260.2	84.59	83.5	10.9	318.1	318.1	0.9	99.9	77.4	73.
35.7	94.0	10153.8	250.0	-54.8	-49.9	260.4	55.299	54.5	9.2	324.6	324.6	0.9	99.9	87.0	76.
38.3	99.0	10829.7	225.0	-54.0	-49.9	255.6	58.199	56.3	14.5	335.7	335.7	0.9	99.9	95.8	76.
41.3	104.5	11548.3	200.0	-53.2	-49.9	257.5	45.199	44.0	9.8	348.5	348.5	0.9	99.9	104.6	76.
44.5	110.6	12449.3	175.0	-53.2	-49.9	258.3	59.499	58.2	12.1	362.0	362.0	0.9	99.9	114.3	76.
48.0	117.0	13434.5	150.0	-56.9	-49.9	256.1	56.899	57.1	14.1	372.1	372.1	0.9	99.9	125.6	76.
52.2	124.7	14578.1	125.0	-59.8	-49.9	254.8	39.999	38.5	10.5	386.7	386.7	0.9	99.9	139.5	76.
57.2	133.0	15981.9	100.0	-58.2	-49.9	243.1	21.999	19.2	9.8	415.2	415.2	0.9	99.9	151.2	76.
63.2	141.7	17775.3	75.0	-61.7	-49.9	255.5	36.599	35.3	9.1	443.5	443.5	0.9	99.9	157.3	76.
72.1	151.0	20280.8	50.0	-63.7	-49.9	275.3	11.699	11.5	-1.1	493.4	493.4	0.9	99.9	169.6	76.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1121 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DJR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	155 RANGE KM	22. 0 RANGE AZ DG
0.0	0.0	438.0	968.8	-10.6	-13.7	310.0	7.2	5.5	-4.6	265.1	268.7	1.4	78.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	0.6	588.5	950.0	-12.1	-14.0	327.4	6.9	3.7	-5.8	265.1	268.6	1.4	85.6	0.3	153.0
1.4	10.4	791.8	925.0	-14.1	-14.3	322.9	10.0	6.0	-8.0	265.0	268.6	1.4	100.1	0.7	104.0
2.2	12.5	999.2	900.0	-15.2	-15.2	327.2	10.4	5.6	-8.7	266.0	269.4	1.3	104.9	1.2	153.0
3.0	14.7	1214.5	875.0	-10.2	-10.2	336.1	10.1	4.1	-9.3	273.4	276.7	2.0	101.1	1.7	168.0
3.9	16.6	1438.6	850.0	-9.1	-9.1	329.7	10.9	5.5	-9.4	276.9	282.9	2.3	103.1	2.2	158.0
4.7	18.9	1665.1	825.0	-10.6	-10.6	327.1	10.5	5.7	-8.6	277.7	283.2	2.1	102.7	2.7	168.0
5.5	21.0	1905.5	800.0	-11.7	-11.7	323.7	10.6	6.3	-8.5	279.0	284.2	2.0	101.3	3.3	158.0
6.3	23.4	2149.4	775.0	-10.5	-10.5	316.6	6.9	6.1	-6.5	282.8	288.8	2.2	102.7	3.7	167.0
7.3	25.6	2402.4	750.0	-9.8	-9.8	307.3	10.3	6.2	-6.3	286.2	292.9	2.4	102.8	4.3	155.0
8.2	28.0	2603.5	725.0	-10.9	-10.9	310.0	9.2	7.0	-5.9	287.7	294.1	2.3	102.6	4.8	153.0
9.0	30.5	2932.6	700.0	-12.5	-12.5	318.1	7.2	4.8	-5.4	288.9	294.6	2.1	101.3	5.2	152.0
10.0	33.0	3209.4	675.0	-14.3	-14.4	322.9	5.8	3.5	-4.6	289.8	295.1	1.9	99.2	5.6	152.0
11.0	35.5	3495.1	650.0	-15.9	-16.2	323.5	4.9	2.9	-3.9	291.1	295.9	1.7	97.6	5.9	152.0
12.0	38.1	3783.4	625.0	-18.4	-18.8	316.4	3.9	2.7	-2.9	291.6	295.6	1.4	96.8	6.1	152.0
13.1	40.7	4093.3	600.0	-20.4	-21.0	300.4	5.5	4.7	-2.8	292.7	296.2	1.2	94.8	6.4	152.0
14.2	43.5	4408.9	575.0	-23.1	-23.8	294.9	6.8	6.2	-2.9	293.0	295.9	1.0	93.4	6.8	150.0
15.3	46.3	4731.0	550.0	-25.6	-26.7	284.3	5.8	5.6	-1.4	293.8	296.2	0.8	90.7	7.2	138.0
16.5	49.3	5066.5	525.0	-28.4	-29.9	278.5	5.6	5.5	-0.8	294.3	296.1	0.6	87.0	7.5	136.0
17.8	52.1	5418.5	500.0	-31.1	-32.9	272.2	7.2	7.2	-0.3	295.1	296.6	0.5	83.8	7.9	134.0
19.2	55.2	5778.2	475.0	-33.9	-35.9	276.5	9.2	9.2	-1.0	296.1	297.2	0.4	81.4	8.4	131.0
20.6	58.3	6152.7	450.0	-37.3	-39.7	278.5	9.6	9.5	-1.4	296.4	297.2	0.3	78.0	9.1	128.0
22.0	61.6	6545.7	425.0	-40.7	-42.7	280.5	10.2	9.0	-6.9	297.0	299.9	99.9	99.9	9.9	127.0
23.6	65.1	6958.3	400.0	-44.3	-46.3	308.6	10.6	8.3	-6.6	297.4	299.9	99.9	99.9	10.8	128.0
25.4	68.6	7383.4	375.0	-48.1	-50.1	318.6	9.8	6.5	-7.4	298.1	299.9	99.9	99.9	11.9	127.0
27.2	72.2	7833.7	350.0	-52.4	-54.4	306.8	10.8	8.6	-6.4	298.1	299.9	99.9	99.9	12.9	128.0
29.1	76.2	8310.9	325.0	-56.4	-58.4	279.2	17.7	17.5	-2.8	302.8	299.9	99.9	99.9	14.4	128.0
31.0	80.3	8838.5	300.0	-59.1	-61.1	274.5	25.9	25.8	-2.1	316.2	299.9	99.9	99.9	16.8	121.0
33.3	84.7	9404.3	275.0	-50.0	-52.0	274.8	29.4	29.3	-2.4	322.8	299.9	99.9	99.9	20.3	116.0
35.8	89.2	10029.3	250.0	-49.5	-51.5	272.2	32.9	32.8	-1.2	332.8	299.9	99.9	99.9	24.6	112.0
38.4	94.3	10719.4	225.0	-49.6	-51.6	283.6	32.4	32.2	3.6	342.6	299.9	99.9	99.9	29.4	108.0
41.8	99.6	11485.2	200.0	-52.1	-54.1	288.5	33.0	33.0	0.9	350.3	299.9	99.9	99.9	35.2	104.0
44.8	105.5	12345.8	175.0	-54.9	-56.9	285.0	34.4	34.2	3.0	359.3	299.9	99.9	99.9	41.6	101.0
48.3	112.0	13326.3	150.0	-57.0	-59.0	289.8	37.0	37.6	0.2	371.9	299.9	99.9	99.9	49.3	99.0
52.9	119.3	14487.7	125.0	-55.2	-57.2	289.7	34.6	34.6	0.2	395.1	299.9	99.9	99.9	58.5	98.0
58.2	127.7	15909.6	100.0	-56.0	-58.0	298.0	29.8	29.2	5.3	419.5	299.9	99.9	99.9	68.2	96.0
64.9	137.5	17736.9	75.0	-58.0	-60.0	288.7	27.8	25.9	10.1	481.3	299.9	99.9	99.9	77.8	94.0
73.8	148.0	20239.7	50.0	-61.2	-63.2	280.8	21.8	21.5	-4.1	499.2	299.9	99.9	99.9	89.2	93.0
87.9	158.7	24499.6	25.0	-64.3	-66.3	281.2	24.4	23.9	-4.7	600.2	299.9	99.9	99.9	104.7	93.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	16.4	1095.0	897.5	-12.6	-14.3	320.0	5.1	3.3	-3.9	268.9	272.6	1.4	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	16.3	1289.3	875.0	-12.5	-15.0	314.6	12.2	8.7	-8.6	271.0	274.6	1.4	81.6	0.4	132.
1.6	18.6	1510.2	850.0	-13.9	-16.8	315.1	12.3	8.7	-8.7	271.8	275.0	1.2	78.9	1.0	133.
2.4	20.8	1738.0	825.0	-9.8	-15.8	313.4	12.5	9.1	-8.6	278.4	282.1	1.4	61.3	1.7	134.
3.3	23.2	1975.9	800.0	-9.1	-15.9	306.2	13.8	11.1	-8.1	261.7	265.5	1.4	57.6	2.3	132.
4.1	25.6	2222.5	775.0	-7.9	-17.9	312.7	15.9	11.7	-10.8	285.5	288.9	1.2	44.7	3.1	132.
5.1	28.0	2476.8	750.0	-8.8	-19.8	317.4	18.7	12.6	-13.8	287.1	290.2	1.1	40.5	4.1	133.
5.9	30.6	2736.4	725.0	-11.2	-21.1	315.0	13.4	9.5	-9.5	287.3	290.1	1.0	43.8	4.9	133.
6.8	33.3	3007.0	700.0	-12.4	-21.2	311.9	15.4	11.4	-10.2	288.9	291.8	1.0	47.8	5.6	133.
7.7	35.8	3283.7	675.0	-14.5	-23.1	306.9	13.4	10.7	-8.0	269.5	292.1	0.9	48.1	6.5	133.
8.7	38.6	3568.7	650.0	-16.6	-22.6	301.4	9.3	7.9	-4.8	290.3	293.1	1.0	59.5	7.6	132.
9.7	41.2	3862.3	625.0	-18.8	-24.7	335.7	11.2	4.6	-10.2	291.0	293.4	0.8	59.5	7.6	132.
10.7	44.1	4165.3	600.0	-20.8	-27.0	287.7	11.1	10.6	-3.4	292.1	294.3	0.7	57.1	8.3	134.
11.8	47.1	4478.4	575.0	-23.6	-29.9	279.4	9.3	9.2	-1.5	292.4	294.1	0.5	55.7	8.8	129.
13.0	50.2	4801.9	550.0	-25.8	-32.8	309.3	8.2	6.4	-5.2	293.5	294.9	0.4	51.2	9.5	129.
14.0	53.1	5137.4	525.0	-28.1	-36.6	339.4	15.4	5.4	-14.4	294.6	295.6	0.3	43.5	10.4	129.
15.2	56.3	5486.1	500.0	-29.9	-40.5	329.1	23.3	12.0	-20.0	296.6	297.4	0.2	34.6	10.9	136.
16.2	59.6	5851.9	475.0	-29.2	-45.9	306.3	41.4	33.4	-24.5	301.8	302.2	0.1	17.9	13.2	133.
17.6	63.1	6240.5	450.0	-26.8	-44.1	336.7	43.8	17.3	-40.2	309.5	310.1	0.2	17.5	16.6	133.
19.0	66.6	6651.6	425.0	-28.8	-44.4	299.1	55.2	48.2	-26.9	312.0	312.6	0.2	20.6	20.6	136.
20.4	70.3	7082.1	400.0	-32.6	-37.5	292.2	61.3	56.8	-23.1	312.6	313.6	0.4	61.3	25.3	132.
22.0	74.0	7534.3	375.0	-34.8	-44.1	293.5	64.9	59.5	-25.9	315.5	316.2	0.2	37.5	30.7	128.
23.6	78.2	8013.2	350.0	-37.6	-49.1	297.0	70.4	62.7	-32.0	318.0	318.4	0.1	28.5	37.0	126.
25.4	82.3	8519.9	325.0	-42.1	-59.9	297.4	66.5	59.0	-30.6	318.7	319.9	99.9	99.9	44.5	124.
27.3	86.7	9056.4	300.0	-46.4	-69.9	296.2	76.9	69.0	-33.9	319.9	319.9	99.9	99.9	51.6	123.
29.2	91.6	9627.7	275.0	-51.5	-79.9	291.5	64.6	60.1	-23.7	320.7	320.7	99.9	99.9	59.8	122.
31.2	96.4	10240.3	250.0	-55.6	-89.9	287.2	56.8	54.3	-16.8	323.4	323.4	99.9	99.9	68.4	120.
33.1	101.8	10909.1	225.0	-58.3	-99.9	301.5	73.2	62.4	-38.3	329.2	329.2	99.9	99.9	74.7	120.
35.8	107.6	11650.5	200.0	-57.8	-99.9	99.9	99.9	99.9	99.9	341.3	341.3	99.9	99.9	999.9	999.9
38.0	113.8	12497.4	175.0	-55.6	-99.9	99.9	99.9	99.9	99.9	358.1	358.1	99.9	99.9	999.9	999.9
42.1	120.5	13476.4	150.0	-57.7	-99.9	99.9	99.9	99.9	99.9	370.7	370.7	99.9	99.9	999.9	999.9
46.4	128.0	14621.1	125.0	-58.8	-99.9	99.9	99.9	99.9	99.9	386.4	386.4	99.9	99.9	999.9	999.9
52.1	136.0	16023.2	100.0	-59.8	-99.9	99.9	99.9	99.9	99.9	412.0	412.0	99.9	99.9	999.9	999.9
58.7	144.0	17815.3	75.0	-62.2	-99.9	99.9	99.9	99.9	99.9	462.0	462.0	99.9	99.9	999.9	999.9
67.0	152.7	20326.5	50.0	-63.0	-99.9	99.9	99.9	99.9	99.9	495.2	495.2	99.9	99.9	999.9	999.9
81.0	161.3	24600.5	25.0	-62.4	-99.9	295.9	16.8	14.8	-7.2	605.6	605.6	99.9	99.9	150.6	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
#ALLOPS ISLAND, VA

6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE NM	AZ DG
0.0	5.2	4.0	1007.0	5.0	4.6	99.9	99.9	99.9	99.9	278.3	291.6	5.3	97.0	999.9	999.9
0.2	5.8	61.1	1000.0	5.1	4.6	99.9	99.9	99.9	99.9	279.0	292.6	5.4	97.8	999.9	999.9
0.9	8.1	267.6	975.0	3.9	3.7	99.9	99.9	99.9	99.9	279.7	292.8	5.1	98.5	999.9	999.9
1.7	10.4	478.8	950.0	3.8	3.5	99.9	99.9	99.9	99.9	281.7	295.1	5.2	97.8	999.9	999.9
2.5	12.7	696.7	925.0	5.3	1.1	99.9	99.9	99.9	99.9	285.3	297.2	4.5	74.3	999.9	999.9
3.6	15.2	920.6	900.0	4.7	-0.4	99.9	99.9	99.9	99.9	286.9	297.9	4.1	69.6	999.9	999.9
4.3	17.6	1149.9	875.0	3.2	-1.7	99.9	99.9	99.9	99.9	287.6	298.0	3.9	69.9	999.9	999.9
5.2	20.2	1384.6	850.0	2.5	-5.3	99.9	99.9	99.9	99.9	289.1	298.5	3.0	56.5	999.9	999.9
6.0	22.6	1625.4	825.0	1.4	-8.4	99.9	99.9	99.9	99.9	290.4	297.3	2.5	48.1	999.9	999.9
8.9	25.2	1872.6	800.0	-0.2	-8.6	99.9	99.9	99.9	99.9	291.2	298.2	2.5	52.9	999.9	999.9
7.8	27.7	2126.3	775.0	-1.6	-9.8	99.9	99.9	99.9	99.9	292.4	299.0	2.3	53.5	999.9	999.9
8.7	30.4	2386.7	750.0	-3.1	-14.4	99.9	99.9	99.9	99.9	293.4	298.2	1.7	41.3	999.9	999.9
9.7	33.2	2654.8	725.0	-3.7	-26.8	99.9	99.9	99.9	99.9	295.5	298.6	0.7	17.5	999.9	999.9
10.6	35.9	2931.6	700.0	-4.5	-22.4	99.9	99.9	99.9	99.9	297.5	297.9	0.1	3.3	999.9	999.9
11.5	38.8	3210.7	675.0	-6.7	-22.7	99.9	99.9	99.9	99.9	298.3	301.5	1.1	31.6	999.9	999.9
12.5	41.6	3510.9	650.0	-7.9	-26.4	99.9	99.9	99.9	99.9	300.1	302.2	0.7	21.0	999.9	999.9
13.7	44.8	3814.7	625.0	-9.4	-32.9	99.9	99.9	99.9	99.9	301.7	303.0	0.4	12.7	999.9	999.9
14.8	47.9	4128.9	600.0	-11.6	-39.9	99.9	99.9	99.9	99.9	302.7	302.9	0.1	2.5	999.9	999.9
16.0	50.9	4454.1	575.0	-13.1	-32.0	99.9	99.9	99.9	99.9	304.6	304.8	0.1	2.2	999.9	999.9
17.2	54.3	4791.7	550.0	-14.8	-30.1	99.9	99.9	99.9	99.9	306.6	308.5	0.6	26.2	999.9	999.9
18.5	57.5	5142.4	525.0	-17.4	-23.6	99.9	99.9	99.9	99.9	307.6	311.1	1.1	58.5	999.9	999.9
20.0	61.0	5505.6	500.0	-20.5	-22.1	99.9	99.9	99.9	99.9	308.2	312.3	1.3	86.8	999.9	999.9
21.3	64.7	5883.9	475.0	-22.8	-25.5	99.9	99.9	99.9	99.9	310.3	313.0	1.0	78.2	999.9	999.9
22.8	68.3	6278.0	450.0	-26.2	-27.3	99.9	99.9	99.9	99.9	312.4	314.0	0.9	90.8	999.9	999.9
24.5	72.0	6689.6	425.0	-28.6	-34.2	99.9	99.9	99.9	99.9	313.9	314.8	0.5	58.4	999.9	999.9
26.3	76.2	7121.9	400.0	-31.6	-40.8	99.9	99.9	99.9	99.9	315.0	316.6	0.2	28.6	999.9	999.9
27.9	80.3	7576.2	375.0	-34.4	-46.5	99.9	99.9	99.9	99.9	317.4	317.6	0.0	9.7	999.9	999.9
29.8	84.6	8055.1	350.0	-38.0	-58.3	99.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.9
31.8	89.0	8561.7	325.0	-42.0	99.9	99.9	99.9	99.9	99.9	319.8	999.9	99.9	999.9	999.9	999.9
33.9	94.0	9098.0	300.0	-46.5	99.9	99.9	99.9	99.9	99.9	320.5	999.9	99.9	999.9	999.9	999.9
36.0	98.8	9669.2	275.0	-51.6	99.9	99.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999.9
38.5	104.2	10281.7	250.0	-55.9	99.9	99.9	99.9	99.9	99.9	325.6	999.9	99.9	999.9	999.9	999.9
40.9	110.0	10950.5	225.0	-57.3	99.9	99.9	99.9	99.9	99.9	330.6	999.9	99.9	999.9	999.9	999.9
43.9	115.8	11700.1	200.0	-51.6	99.9	99.9	99.9	99.9	99.9	351.1	999.9	99.9	999.9	999.9	999.9
46.9	122.5	12574.3	175.0	-53.5	99.9	99.9	99.9	99.9	99.9	361.6	999.9	99.9	999.9	999.9	999.9
50.5	129.7	13558.3	150.0	-57.3	99.9	99.9	99.9	99.9	99.9	371.3	999.9	99.9	999.9	999.9	999.9
54.5	137.0	14700.0	125.0	-61.4	99.9	99.9	99.9	99.9	99.9	383.8	999.9	99.9	999.9	999.9	999.9
59.4	144.3	16077.3	100.0	-63.6	99.9	99.9	99.9	99.9	99.9	404.8	999.9	99.9	999.9	999.9	999.9
65.5	152.3	17835.5	75.0	-64.8	99.9	99.9	99.9	99.9	99.9	437.1	999.9	99.9	999.9	999.9	999.9
73.4	160.7	20331.2	50.0	-66.1	99.9	99.9	99.9	99.9	99.9	492.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA6 FEBRUARY 1975  
1115 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.0	85.0	994.8	1.6	1.6	190.0	3.6	0.6	3.5	275.7	286.7	4.3	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	8.9	246.7	975.0	0.1	0.1	215.7	7.4	4.3	6.0	275.7	285.7	3.9	104.1	0.2	24.
1.3	11.1	455.9	950.0	4.1	2.1	246.8	8.8	8.1	3.5	282.0	296.2	4.7	86.9	0.5	31.
2.0	13.5	673.1	925.0	3.7	-1.0	259.6	11.2	11.0	2.0	283.6	293.8	3.8	71.3	0.9	56.
2.7	15.8	895.2	900.0	2.3	-2.2	271.5	14.4	14.4	-0.4	284.3	293.9	3.6	72.2	1.4	67.
3.5	18.2	1122.2	875.0	0.6	-2.2	277.0	16.0	15.9	-2.0	284.9	294.8	3.7	81.2	2.0	77.
4.4	20.6	1354.5	850.0	-0.9	-1.9	281.6	17.7	17.3	-3.6	285.7	296.1	3.9	93.1	2.9	84.
5.2	23.0	1592.5	825.0	-1.6	-3.0	278.2	22.7	22.4	-3.2	287.3	296.0	3.2	77.3	3.8	88.
6.0	25.5	1837.8	800.0	-1.8	-8.3	276.0	23.5	23.4	-2.4	289.5	296.7	2.6	61.4	4.9	90.
6.9	28.0	2089.7	775.0	-3.2	-11.3	274.7	21.7	21.7	-2.8	290.7	296.6	2.1	53.4	6.1	91.
7.8	30.7	2348.3	750.0	-5.3	-10.9	268.0	21.4	21.4	0.8	291.1	297.4	2.2	64.9	7.3	92.
8.6	33.4	2613.8	725.0	-7.1	-12.9	263.0	22.5	22.4	2.7	292.0	297.6	2.0	63.1	8.4	91.
9.4	36.0	2886.6	700.0	-8.7	-16.5	261.1	21.6	21.3	3.4	293.0	297.4	1.5	53.2	9.5	90.
10.4	38.9	3167.7	675.0	-10.4	-21.2	259.9	21.6	21.3	3.0	294.1	297.3	1.0	40.5	10.5	89.
11.2	41.5	3457.2	650.0	-12.4	-26.2	260.1	23.3	22.9	4.0	295.0	297.1	0.7	30.5	11.8	88.
12.1	44.4	3755.3	625.0	-15.0	-27.6	256.6	22.3	21.7	5.2	295.4	297.3	0.6	32.9	13.0	87.
12.9	47.5	4062.5	600.0	-17.6	-29.7	251.8	25.1	23.9	7.9	295.7	297.4	0.5	33.8	14.0	86.
13.8	50.5	4379.9	575.0	-19.2	-49.7	249.3	30.9	28.9	10.9	297.5	297.9	0.1	9.6	15.5	84.
14.8	53.6	4709.1	552.0	-21.5	-63.6	243.9	32.6	29.2	14.3	298.5	298.5	0.0	1.0	17.3	83.
15.8	56.5	5050.3	525.0	-23.8	-65.1	242.5	34.5	30.6	16.0	299.7	299.8	0.0	1.0	19.2	80.
16.8	59.3	5404.7	500.0	-26.3	-66.8	250.0	38.3	36.0	13.1	300.9	300.9	0.0	1.0	21.5	79.
18.0	63.3	5774.8	475.0	-27.3	-65.3	253.9	46.4	44.5	12.9	304.2	304.2	0.0	1.5	24.2	78.
19.3	66.6	6163.1	450.0	-28.6	-51.1	251.7	55.5	52.7	17.5	307.2	307.5	0.1	10.0	28.2	78.
20.6	70.1	6571.5	425.0	-30.0	-46.0	244.9	62.5	56.6	26.5	310.6	311.1	0.1	19.5	32.7	76.
22.1	73.7	7000.4	400.0	-33.4	-42.6	242.3	61.8	54.1	28.4	311.5	312.2	0.2	34.9	38.2	74.
23.5	77.7	7450.1	375.0	-37.4	-44.0	242.4	64.24	56.9	29.7	312.0	312.7	0.2	49.5	42.9	73.
25.0	81.4	7922.5	350.0	-41.3	-49.9	245.6	68.06	62.3	28.3	313.1	313.1	99.9	99.9	49.2	72.
26.7	85.6	8421.5	325.0	-45.2	-56.7	246.9	64.06	59.2	25.3	314.3	314.3	99.9	99.9	56.0	71.
28.4	89.8	8932.6	300.0	-47.7	-56.7	242.6	62.66	55.7	28.6	318.1	318.1	99.9	99.9	63.0	71.
30.0	94.5	9521.3	275.0	-52.6	-59.9	243.7	78.36	70.2	34.6	319.0	319.0	99.9	99.9	69.5	70.
32.0	99.2	10130.1	250.0	-56.7	-59.9	240.1	62.06	54.1	31.1	321.8	321.8	99.9	99.9	77.1	69.
34.3	104.0	10603.8	225.0	-53.3	-59.9	239.8	49.36	42.6	24.8	336.8	336.8	99.9	99.9	87.2	68.
36.6	109.6	11562.2	200.0	-52.8	-59.9	251.1	65.74	62.1	21.2	349.2	349.2	99.9	99.9	95.6	68.
39.4	115.2	12424.5	175.0	-53.6	-59.9	247.1	59.966	55.2	23.2	361.5	361.5	99.9	99.9	104.9	68.
42.5	121.7	13409.1	150.0	-56.7	-59.9	241.8	39.966	35.1	18.0	372.4	372.4	99.9	99.9	116.5	68.
46.5	128.7	14562.4	125.0	-56.8	-59.9	247.3	44.266	40.8	17.1	392.1	392.1	99.9	99.9	126.7	67.
50.6	136.0	15958.5	100.0	-63.1	-59.9	247.3	12.066	45.2	4.6	405.8	405.8	99.9	99.9	137.9	67.
55.9	143.3	17729.5	75.0	-65.5	-59.9	245.6	49.566	49.2	20.3	435.6	435.6	99.9	99.9	150.0	67.
63.2	151.3	20212.2	50.0	-63.7	-59.9	257.6	28.36	27.6	6.1	493.5	493.5	99.9	99.9	158.8	68.
73.7	159.7	24449.2	25.0	-63.8	-59.9	269.3	21.66	21.4	0.3	601.6	601.6	99.9	99.9	176.5	69.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
MUNTINGTON, VA  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	7.5	246.0	975.0	5.0	1.7	280.0	7.2	7.1	-1.3	280.4	291.8	4.4	79.0	0.0	0.
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
02	7.6	279.5	975.0	4.7	1.9	276.0	6.3	6.2	-0.7	280.5	292.1	4.5	81.8	0.1	70.
03	10.1	490.7	950.0	3.0	1.7	273.5	6.0	6.0	-0.4	280.8	292.6	4.6	91.5	0.3	101.
04	1.3	12.2	706.2	1.0	0.5	275.9	6.4	6.3	-0.7	280.9	292.0	4.3	90.5	0.5	98.
05	1.8	14.5	926.2	900.0	-0.4	-0.7	276.3	7.1	7.1	-0.8	292.2	4.1	97.8	0.7	98.
06	2.3	16.6	1151.3	875.0	-1.7	-1.9	272.2	9.2	-0.3	282.4	292.4	3.8	98.6	0.9	97.
07	18.9	1381.6	850.0	-3.2	-3.4	267.8	10.1	10.1	0.4	283.2	292.5	3.5	98.9	1.1	96.
08	3.0	21.1	1617.4	825.0	-4.6	-0.8	263.0	10.0	1.2	284.1	292.9	3.3	98.8	1.4	95.
09	3.6	23.6	1859.1	800.0	-6.5	-0.5	260.5	14.4	2.4	284.6	292.6	2.9	99.4	1.7	91.
10	4.6	25.8	2107.3	775.0	-8.9	-2.3	258.9	18.2	3.2	286.7	294.5	2.9	97.3	2.8	87.
11	5.8	28.4	2363.0	750.0	-8.1	-0.6	260.8	18.5	1.7	288.1	295.5	2.7	96.6	4.1	85.
12	6.6	31.0	2625.7	725.0	-9.4	-0.9	260.0	19.3	2.0	289.4	296.4	2.5	96.1	5.0	86.
13	7.5	33.7	2896.0	700.0	-11.7	-12.4	258.0	19.0	3.9	289.8	295.8	2.1	94.5	6.1	85.
14	8.4	36.1	3174.2	675.0	-12.9	-13.9	253.4	18.3	5.4	291.4	297.0	1.9	92.6	7.1	83.
15	9.4	38.8	3461.2	650.0	-14.8	-15.9	250.5	19.9	5.0	292.4	297.4	1.7	91.3	8.2	82.
16	10.4	41.4	3757.2	625.0	-16.7	-18.2	251.4	20.6	4.6	293.5	297.8	1.5	88.0	9.5	81.
17	11.4	44.3	4062.7	600.0	-18.9	-21.2	255.5	19.3	6.0	294.3	297.8	1.2	82.4	10.7	81.
18	12.6	47.2	4377.9	575.0	-21.8	-26.0	259.4	25.5	4.8	294.5	297.0	0.8	80.5	12.3	80.
19	13.7	50.2	4703.7	550.0	-24.5	-30.7	260.0	23.1	4.3	295.1	296.8	0.5	58.0	15.0	80.
20	14.9	53.1	5041.0	525.0	-27.8	-36.1	260.3	22.2	3.9	295.9	297.0	0.3	41.6	15.9	80.
21	16.0	56.1	5399.9	500.0	-29.9	-38.1	260.3	22.7	3.8	296.5	297.4	0.3	44.7	17.3	80.
22	17.1	59.3	5754.0	475.0	-33.3	-39.6	260.3	22.0	3.7	296.8	297.6	0.3	52.6	18.7	80.
23	18.3	62.7	6131.5	450.0	-36.3	-45.5	259.5	22.6	4.1	297.4	298.0	0.1	33.7	20.3	80.
24	19.3	66.0	6525.8	425.0	-38.8	-53.4	255.6	29.8	7.4	299.3	299.5	0.1	19.3	21.8	80.
25	20.7	69.6	6941.5	400.0	-40.0	-59.9	252.0	43.6	14.1	303.0	299.9	99.9	99.9	25.1	78.
26	21.9	73.0	7379.9	375.0	-41.9	99.9	250.5	51.8	18.4	306.1	299.9	99.9	99.9	28.7	78.
27	23.2	77.0	7846.5	350.0	-43.1	99.9	251.9	57.9	19.0	310.7	299.9	99.9	99.9	33.2	77.
28	24.7	80.9	8343.5	325.0	-45.4	99.9	250.2	63.7	21.6	314.1	299.9	99.9	99.9	39.3	77.
29	26.4	85.1	8874.8	300.0	-47.6	99.9	248.7	60.0	25.9	318.3	299.9	99.9	99.9	45.9	75.
30	28.1	89.4	9446.7	275.0	-50.2	99.9	249.0	63.0	24.2	322.5	299.9	99.9	99.9	52.1	74.
31	30.1	94.2	10068.7	250.0	-50.3	99.9	249.9	57.1	20.8	331.3	299.9	99.9	99.9	59.5	74.
32	32.1	99.0	10757.6	225.0	-50.2	99.9	248.6	42.6	18.4	341.6	299.9	99.9	99.9	66.3	73.
33	34.6	105.3	11523.9	200.0	-52.2	99.9	248.4	56.1	26.9	350.2	299.9	99.9	99.9	74.4	72.
34	37.1	110.2	12301.1	175.0	-54.5	99.9	248.3	51.0	20.3	360.0	299.9	99.9	99.9	83.3	72.
35	39.6	116.3	13176.5	150.0	-53.0	99.9	248.9	42.5	19.9	378.8	299.9	99.9	99.9	91.5	71.
40	125.3	14541.5	125.0	-58.6	99.9	247.3	48.6	47.8	22.9	392.5	299.9	99.9	99.9	100.6	70.
47.3	131.0	15943.5	100.0	-60.4	99.9	247.0	33.9	31.2	13.2	411.1	299.9	99.9	99.9	111.4	70.
52.9	139.3	17746.0	75.0	-61.4	99.9	252.4	27.3	26.1	8.1	444.3	299.9	99.9	99.9	123.2	69.
60.4	148.6	20742.8	50.0	-62.2	99.9	99.9	99.9	99.9	99.9	444.9	299.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 19 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT COM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX STD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.9	298.0	973.0	0.6	-0.6	280.0	6.7	6.6	-1.2	276.4	285.9	3.7	98.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	9.9	989.0	950.0	-1.1	-1.7	222.0	14.9	14.9	-0.5	276.5	285.7	3.6	96.2	0.3	104.
1.3	11.0	702.2	925.0	-2.7	-2.7	277.6	14.1	14.0	-1.9	277.0	285.8	3.4	100.1	1.0	97.
2.1	14.1	919.1	900.0	-3.9	-3.9	279.2	14.1	13.9	-2.3	277.9	286.1	3.2	100.0	1.7	98.
2.9	16.2	1141.1	875.0	-5.5	-5.5	283.2	14.0	13.5	-3.7	278.5	286.1	2.9	99.0	2.3	99.
3.7	18.5	1368.5	850.0	-6.5	-6.5	284.3	14.1	13.7	-3.5	279.7	287.0	2.8	99.4	3.0	100.
4.5	20.7	1601.4	825.0	-7.4	-7.5	282.1	14.2	13.8	-3.0	281.1	288.2	2.6	99.5	3.6	101.
5.3	22.9	1842.0	800.0	-8.0	-8.1	272.4	15.4	15.4	-0.7	285.1	293.3	3.0	99.7	4.3	100.
6.1	25.3	2090.3	775.0	-7.4	-8.3	271.5	12.5	12.5	-0.3	286.1	293.4	2.8	93.6	5.0	99.
6.9	27.6	2345.2	750.0	-8.1	-10.0	272.3	13.5	13.4	-0.5	287.0	293.6	2.4	92.5	5.7	98.
7.6	30.1	2607.1	725.0	-10.2	-11.2	270.1	14.4	14.4	-0.0	288.6	294.9	2.2	92.4	6.4	98.
8.6	32.8	2877.1	700.0	-11.5	-12.1	269.3	15.2	15.2	-0.2	290.0	296.1	2.2	94.8	7.1	97.
9.5	35.3	3155.4	675.0	-13.2	-14.1	270.4	16.3	16.3	-0.1	291.1	296.5	1.9	93.3	7.9	96.
10.4	37.0	3442.0	650.0	-13.0	-16.2	270.4	15.9	15.9	-0.1	292.2	297.0	1.7	90.4	8.9	96.
11.5	40.3	3738.0	625.0	-16.7	-18.1	264.8	15.5	15.5	-1.4	293.5	297.8	1.5	89.2	9.8	95.
12.5	43.3	4043.4	600.0	-18.8	-21.0	259.5	14.8	14.5	-2.7	294.4	298.0	1.2	83.0	10.8	94.
13.6	46.2	4359.3	575.0	-21.2	-24.9	256.3	15.0	14.5	-3.5	295.3	297.9	0.9	71.6	11.7	92.
14.7	49.1	4680.0	550.0	-23.7	-27.2	256.5	14.6	14.2	-3.4	296.0	298.3	0.7	72.7	12.7	91.
15.8	52.1	5028.3	525.0	-26.2	-29.9	259.1	15.2	14.9	-2.9	297.0	298.8	0.6	70.8	13.6	90.
17.1	55.3	5375.4	500.0	-29.3	-33.0	260.0	16.6	16.4	-2.6	297.4	298.8	0.5	69.6	14.8	89.
18.3	58.4	5739.5	475.0	-32.4	-37.0	260.7	15.6	15.6	-2.6	297.9	299.0	0.3	63.3	16.0	89.
19.8	61.9	6118.1	450.0	-35.6	-43.6	263.8	16.1	16.0	-1.7	298.4	299.0	0.2	43.5	17.1	88.
20.7	65.4	6512.6	425.0	-39.4	-49.9	262.1	15.0	14.9	-2.1	298.5	299.9	0.9	99.9	18.3	88.
22.1	68.9	6920.1	400.0	-43.2	-53.9	265.2	13.5	13.5	-1.1	298.8	299.9	99.9	99.9	19.4	88.
23.7	72.6	7359.4	375.0	-47.1	-57.9	274.1	13.4	13.3	-1.0	299.3	299.9	99.9	99.9	20.7	88.
25.5	76.7	7802.7	350.0	-51.3	-61.9	278.4	13.7	13.5	-2.1	299.5	299.9	99.9	99.9	22.0	88.
27.2	80.7	8281.3	325.0	-52.3	-65.9	282.6	21.3	21.1	-2.0	304.5	299.9	99.9	99.9	23.8	88.
29.3	85.0	8805.2	300.0	-52.5	-69.9	290.6	25.1	23.7	-8.3	311.4	299.9	99.9	99.9	26.6	87.
31.7	9.5	9369.7	275.0	-51.8	-73.9	290.0	33.5	31.9	-11.4	320.3	299.9	99.9	99.9	30.6	85.
33.8	94.4	9986.8	250.0	-52.3	-77.9	287.6	35.4	32.7	-13.5	328.4	299.9	99.9	99.9	35.0	83.
36.7	99.6	10668.1	225.0	-52.3	-81.9	287.6	35.4	31.9	-11.4	320.3	299.9	99.9	99.9	41.3	81.
39.6	105.0	11429.3	200.0	-52.5	-85.9	287.6	34.5	31.9	-13.2	336.3	299.9	99.9	99.9	48.9	79.
43.1	111.0	12290.0	175.0	-53.1	-89.9	287.6	39.7	35.5	-17.7	362.3	299.9	99.9	99.9	58.3	78.
46.8	117.7	13281.7	150.0	-53.6	-93.9	287.6	41.2	38.1	-15.6	377.8	299.9	99.9	99.9	65.3	75.
51.2	125.0	14450.2	125.0	-52.8	-97.9	287.6	33.9	32.3	-10.4	399.4	299.9	99.9	99.9	74.9	75.
56.9	133.0	15881.3	100.0	-50.9	-99.9	287.6	33.50	29.6	-15.7	414.0	299.9	99.9	99.9	85.8	74.
63.6	140.6	17490.2	75.0	-48.1	-99.9	288.3	30.60	34.0	-13.5	447.0	299.9	99.9	99.9	99.8	72.
73.1	149.0	20024.6	50.0	-42.4	-99.9	237.1	27.50	26.8	-6.1	496.4	299.9	99.9	99.9	116.0	72.
88.1	157.7	24459.1	25.0	-44.8	-99.9	258.5	23.70	23.3	-4.7	598.6	299.9	99.9	99.9	138.3	74.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 433  
SALEM, ILL  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CHTY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	0.0	175.0	995.0	-6.3	-8.2	300.0	5.1	4.4	-2.5	207.5	272.0	2.1	86.0	0.0	0.
00.0	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.5	7.0	333.7	975.0	-7.4	-8.6	292.3	10.3	9.5	-3.9	207.9	273.1	2.0	91.3	0.3	110.
1.2	10.1	335.3	950.0	-9.3	-9.6	291.6	9.9	9.2	-3.7	208.0	273.0	1.9	97.9	0.7	111.
1.9	12.1	741.1	925.0	-10.4	-10.6	292.5	10.6	9.8	-4.1	208.9	273.7	1.8	98.8	1.1	111.
2.6	16.5	952.0	900.0	-8.1	-8.5	300.1	10.7	9.3	-5.4	279.3	279.3	2.2	96.7	1.5	112.
3.3	18.5	1171.7	875.0	-8.9	-9.3	312.0	9.8	7.3	-6.6	274.8	280.5	2.2	96.5	2.0	116.
4.2	18.9	1396.3	850.0	-8.7	-9.1	304.1	11.0	9.1	-6.2	277.4	283.4	2.3	96.0	2.5	118.
4.9	21.3	1627.9	825.0	-9.0	-9.4	311.5	9.4	7.2	-6.4	279.4	285.5	2.3	96.5	2.9	120.
5.7	23.5	1866.3	800.0	-9.2	-9.6	308.0	8.0	6.9	-5.4	281.7	287.9	2.3	96.5	3.3	121.
6.5	25.6	2111.7	775.0	-9.9	-10.3	310.4	9.8	7.5	-6.4	283.4	289.6	2.2	96.4	3.8	122.
7.4	28.4	2364.7	750.0	-11.4	-11.9	307.7	8.8	6.9	-5.4	284.5	290.1	2.1	96.1	4.3	123.
8.2	30.9	2621.5	725.0	-13.2	-13.8	302.5	8.5	7.2	-4.6	285.3	292.3	1.8	95.1	4.7	123.
9.1	32.6	2870.5	700.0	-13.6	-14.6	299.1	10.4	9.8	-3.4	287.7	292.6	1.8	91.8	5.2	123.
10.1	34.0	3167.4	675.0	-13.6	-16.6	298.3	12.2	11.6	-3.8	290.4	292.4	0.6	32.5	5.8	120.
11.0	36.8	3456.1	650.0	-14.7	-22.2	290.5	12.2	11.4	-4.3	292.4	295.3	0.6	52.6	6.5	119.
12.0	41.4	3750.1	625.0	-16.6	-22.0	282.5	12.8	11.8	-4.9	293.6	298.5	1.0	58.5	7.2	119.
13.0	45.3	4055.7	600.0	-18.7	-26.6	290.2	13.4	12.6	-4.0	294.5	296.7	0.7	49.0	8.0	118.
13.9	47.1	4371.5	575.0	-21.2	-30.7	286.3	13.1	12.5	-3.7	295.1	296.7	0.5	41.8	8.8	117.
14.1	50.1	4697.8	550.0	-23.8	-32.6	281.7	13.0	12.7	-2.6	295.8	297.3	0.4	43.7	9.5	116.
16.0	53.0	5035.7	525.0	-26.3	-33.8	274.0	13.2	13.2	-0.9	296.8	298.1	0.4	49.0	10.3	115.
17.1	54.0	5386.0	500.0	-29.3	-37.0	272.1	15.4	15.3	-0.6	297.1	298.1	0.3	47.8	11.2	113.
18.3	59.3	5749.8	475.0	-32.6	-40.4	267.9	16.4	16.4	0.6	297.6	298.4	0.2	45.3	12.2	111.
19.5	62.6	6128.3	450.0	-35.6	-43.8	264.9	17.0	16.9	1.5	298.4	299.0	0.2	42.3	13.4	109.
20.8	65.9	6523.1	425.0	-39.2	-48.7	262.9	18.1	17.9	2.2	298.8	299.1	0.1	35.4	14.7	106.
22.3	69.4	6915.4	400.0	-42.8	-52.8	255.5	17.4	16.8	4.3	299.3	299.9	99.9	99.9	16.2	104.
23.9	73.0	7306.8	375.0	-47.0	-56.9	252.5	16.4	15.6	4.9	299.4	299.9	99.9	99.9	17.5	101.
25.3	76.8	7698.0	350.0	-50.9	-59.9	256.2	14.2	13.8	3.4	300.1	299.9	99.9	99.9	18.8	99.
27.0	80.9	8098.1	325.0	-54.4	-64.1	250.5	20.5	25.0	4.7	301.7	299.9	99.9	99.9	20.1	98.
28.7	85.0	8499.4	300.0	-58.1	-68.1	250.5	20.5	25.0	8.8	305.3	299.9	99.9	99.9	22.0	95.
30.6	89.2	8906.9	275.0	-54.0	-64.0	251.6	30.6	29.0	9.6	317.1	299.9	99.9	99.9	25.1	92.
32.7	94.8	9401.1	250.0	-52.4	-62.4	251.3	37.0	30.3	10.2	329.2	299.9	99.9	99.9	29.0	89.
34.9	99.0	10003.9	225.0	-51.8	-61.8	252.6	36.8	33.2	10.4	339.2	299.9	99.9	99.9	33.0	87.
37.5	104.1	11027.2	200.0	-52.2	-62.2	253.7	35.1	33.7	9.9	350.2	299.9	99.9	99.9	36.7	85.
40.4	108.2	12025.8	175.0	-54.6	-64.6	252.6	33.9	32.4	10.2	359.8	299.9	99.9	99.9	41.4	83.
43.6	115.3	13276.6	150.0	-54.3	-64.3	256.5	40.9	39.7	9.5	370.6	299.9	99.9	99.9	46.3	82.
47.4	123.3	14440.3	125.0	-53.1	-63.1	256.5	37.0	31.7	4.8	388.9	299.9	99.9	99.9	50.0	80.
52.0	131.0	15676.8	100.0	-53.1	-63.1	258.9	33.9	31.6	12.2	421.3	299.9	99.9	99.9	57.9	80.
56.1	139.9	17022.1	75.0	-60.0	-69.0	257.2	37.2	34.3	1.8	447.2	299.9	99.9	99.9	79.3	80.
60.4	147.0	20272.0	50.0	-62.0	-69.0	256.7	20.5	20.4	-4.4	497.5	299.9	99.9	99.9	93.1	80.
66.3	155.7	24088.7	25.0	-63.5	-69.0	275.5	23.9	23.0	-2.3	602.4	299.9	99.9	99.9	112.2	82.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 451  
ORRIDGE CITY, NAM  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	LGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
00.0	11.0	791.0	933.0	-15.0	-18.4	330.0	0.7	3.4	-5.8	262.8	265.3	1.0	79.0	0.0	0.
00.0	09.0	99.0	1000.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
00.0	09.0	99.0	975.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
00.0	09.0	99.0	950.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
00.3	12.4	859.1	925.0	-15.9	-21.0	330.0	13.5	4.8	-12.6	263.1	265.2	0.8	65.0	0.3	153.
00.6	10.6	1062.2	900.0	-17.2	-21.7	343.4	14.7	4.2	-14.1	263.9	265.9	0.7	68.1	0.8	157.
00.9	10.0	1272.7	875.0	-18.4	-23.2	348.5	17.1	3.4	-16.0	264.7	266.5	0.7	66.2	1.5	162.
01.2	19.2	1409.6	850.0	-17.4	-22.3	348.4	17.2	3.5	-16.8	265.0	267.0	0.8	65.9	2.3	164.
01.5	21.5	1713.7	825.0	-16.4	-21.2	345.2	20.6	5.3	-19.9	271.4	273.7	0.8	65.0	3.2	165.
01.8	24.0	1946.1	800.0	-16.6	-19.9	345.7	21.6	5.7	-23.0	275.7	278.4	1.0	63.4	4.2	165.
02.1	26.1	2187.5	775.0	-12.8	-17.4	338.3	21.6	8.0	-20.1	280.2	283.7	1.3	68.2	5.0	165.
02.4	28.0	2439.3	750.0	-10.2	-14.5	336.4	20.6	8.3	-18.9	285.7	288.4	1.7	70.7	6.0	163.
02.7	31.5	2701.0	725.0	-10.1	-14.5	337.7	20.4	7.7	-18.8	286.5	289.3	1.4	59.3	7.1	162.
03.0	34.2	2971.1	700.0	-11.1	-21.1	335.3	19.4	6.1	-17.6	290.3	293.1	1.0	43.1	8.1	162.
03.3	36.7	3249.5	675.0	-12.9	-24.1	330.4	19.0	9.4	-16.5	291.2	293.7	0.8	38.6	9.2	161.
03.6	39.4	3535.9	650.0	-15.3	-26.4	328.0	17.7	9.9	-14.7	291.7	293.7	0.7	37.9	10.3	159.
03.9	42.0	3830.5	625.0	-17.7	-28.4	328.6	17.7	9.0	-14.8	292.2	294.0	0.6	38.7	11.2	158.
04.2	45.0	4134.3	600.0	-20.4	-32.5	328.0	19.1	9.0	-10.3	292.5	293.8	0.4	34.8	12.4	157.
04.5	47.9	4448.0	575.0	-22.8	-37.4	323.7	20.0	11.9	-16.2	293.3	294.2	0.3	24.7	13.6	156.
04.8	50.8	4772.8	550.0	-24.9	-43.9	317.8	21.1	14.1	-15.6	294.6	295.0	0.1	14.9	14.8	155.
05.1	53.0	5119.3	525.0	-27.7	-47.1	316.6	19.5	13.9	-13.7	295.1	295.5	0.1	13.6	16.0	154.
05.4	56.9	5457.9	500.0	-30.9	-49.5	311.8	17.2	12.8	-11.5	295.4	295.7	0.1	14.0	17.2	152.
05.7	60.1	5817.2	475.0	-34.3	-51.7	314.1	18.3	13.2	-12.7	295.5	295.8	0.1	15.1	18.5	151.
06.0	63.5	6194.9	450.0	-38.1	-53.8	316.0	20.3	14.1	-14.6	295.4	295.6	0.1	17.1	19.9	150.
06.3	66.6	6566.1	425.0	-41.0	-56.9	312.0	20.5	15.3	-13.7	296.5	296.9	0.9	09.9	21.3	149.
06.6	70.2	6994.9	400.0	-44.9	-59.9	303.4	21.6	18.1	-11.9	296.7	296.9	0.9	09.9	22.8	147.
06.9	73.7	7422.6	375.0	-48.9	-62.9	300.6	20.7	17.8	-10.5	296.6	296.9	0.9	09.9	24.4	145.
07.2	77.5	7871.2	350.0	-52.1	-65.9	303.5	18.8	19.7	-10.2	297.0	297.0	0.9	09.9	26.0	144.
07.5	81.3	8346.3	325.0	-55.2	-68.9	301.9	26.0	22.8	-14.4	300.8	300.9	0.9	09.9	27.8	142.
07.8	85.4	8864.1	300.0	-58.8	-71.9	301.3	27.5	23.5	-14.3	311.8	311.8	0.9	09.9	30.9	140.
08.1	89.0	9431.3	275.0	-61.4	-74.9	297.6	32.8	29.1	-15.2	330.9	330.9	0.9	09.9	34.3	138.
08.4	94.4	10052.3	250.0	-64.0	-77.9	299.4	36.1	31.2	-17.7	335.2	335.2	0.9	09.9	38.6	136.
08.7	99.2	10735.8	225.0	-66.9	-80.9	297.7	39.5	34.9	-18.5	339.1	339.1	0.9	09.9	43.7	134.
09.0	104.3	11497.9	200.0	-69.5	-83.9	297.1	36.7	32.2	-18.5	348.1	348.1	0.9	09.9	49.2	132.
09.3	110.0	12353.6	175.0	-73.5	-86.9	298.0	38.9	34.3	-18.3	361.7	361.7	0.9	09.9	55.3	130.
09.6	116.0	13343.5	150.0	-76.9	-89.9	297.1	32.1	28.4	-16.4	375.1	375.1	0.9	09.9	62.3	128.
09.9	123.0	14509.8	125.0	-84.2	-92.9	299.2	25.2	22.0	-12.3	371.1	371.1	0.9	09.9	71.8	127.
10.2	130.5	15927.2	100.0	-86.7	-95.9	296.9	26.7	20.7	-10.6	418.1	418.1	0.9	09.9	81.8	127.
10.5	138.7	17738.2	75.0	-89.5	-98.9	280.0	23.9	23.5	-6.1	450.3	450.3	0.9	09.9	91.2	125.
10.8	147.0	19738.2	50.0	-92.9	-101.9	280.0	23.9	23.5	-4.1	490.9	490.9	0.9	09.9	100.9	125.
11.1	155.0	21938.2	25.0	-95.9	-104.9	280.0	23.9	23.5	-2.9	530.9	530.9	0.9	09.9	110.9	125.

ORIGINAL PAGE IS  
OF POOR QUALITY

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 456  
TOPEKA, KAN6 FEBRUARY 1 5  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U C/JMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	268.0	993.3	-13.3	-16.0	310.0	8.2	6.3	-5.3	260.5	263.3	1.1	80.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	7.9	402.3	975.0	-14.7	-17.0	318.0	7.7	5.2	-5.7	260.4	263.1	1.0	82.6	0.3	141.
1.5	10.1	605.3	950.0	-16.5	-17.6	325.2	9.4	5.3	-7.7	260.5	263.2	1.0	91.5	0.7	141.
2.2	12.1	805.1	925.0	-18.6	-19.1	337.1	11.8	4.6	-10.9	260.4	262.8	0.9	95.4	1.2	145.
3.0	14.4	1009.3	900.0	-18.7	-19.1	352.0	13.9	1.9	-13.0	262.4	264.8	0.9	96.2	1.6	151.
3.6	16.5	1220.9	875.0	-15.8	-15.8	344.6	10.9	2.9	-10.5	267.5	270.9	1.3	100.2	2.4	157.
4.6	18.7	1440.1	850.0	-14.5	-14.7	334.5	11.8	5.1	-10.6	271.1	275.0	1.4	98.5	2.9	157.
5.5	20.8	1667.2	825.0	-13.3	-13.6	328.6	10.3	5.3	-8.8	276.9	279.0	1.6	96.3	3.5	156.
6.4	23.2	1901.3	800.0	-13.6	-13.9	317.0	7.3	5.0	-5.3	276.9	281.3	1.6	97.3	4.0	155.
7.2	25.5	2143.1	775.0	-13.6	-14.0	311.0	6.6	5.1	-4.4	279.2	283.7	1.7	97.9	4.2	153.
8.1	27.9	2393.6	750.0	-11.2	-11.2	302.1	8.5	7.2	-4.5	284.7	290.6	2.2	101.8	4.6	151.
9.0	30.5	2659.0	725.0	-11.7	-11.7	290.9	9.3	8.7	-3.3	286.6	292.8	2.1	101.2	5.1	147.
9.9	33.0	2922.3	700.0	-12.7	-12.7	286.1	9.6	9.2	-2.7	288.6	294.4	2.0	100.9	5.5	146.
11.0	35.5	3193.1	675.0	-14.6	-14.6	276.3	10.0	9.9	-1.1	289.5	294.6	1.6	98.5	6.0	140.
11.9	38.1	3484.0	650.0	-16.4	-16.4	265.7	10.3	10.2	0.6	290.4	294.9	1.6	97.5	6.4	136.
13.0	40.7	3777.8	625.0	-18.7	-19.0	261.0	10.6	10.5	1.7	291.2	295.1	1.4	97.2	6.8	131.
14.1	43.4	4080.9	600.0	-21.0	-21.4	266.4	10.7	10.7	0.7	292.0	295.4	1.2	96.6	7.2	127.
15.2	46.3	4393.8	575.0	-23.5	-23.1	272.6	11.1	11.1	-0.5	292.6	295.4	0.9	94.3	7.6	124.
16.3	49.2	4717.5	550.0	-25.8	-26.7	271.3	10.5	10.5	-0.2	293.5	295.9	0.8	92.0	8.5	122.
17.4	52.0	5052.6	525.0	-28.8	-29.8	269.1	10.1	10.1	0.2	293.6	295.7	0.6	90.7	9.0	119.
18.6	55.0	5399.7	500.0	-31.7	-33.1	273.4	10.9	10.9	-0.6	294.4	295.8	0.5	87.5	9.7	117.
19.8	58.0	5760.2	475.0	-34.9	-36.3	278.3	12.3	12.2	-1.6	294.8	295.9	0.4	86.6	10.5	115.
21.0	61.3	6134.8	450.0	-38.4	-39.7	284.9	12.1	11.7	-3.1	294.9	295.8	0.3	86.1	11.4	114.
22.5	64.7	6524.3	425.0	-42.5	-43.9	288.2	11.2	10.6	-3.5	294.6	295.9	99.9	99.9	12.4	114.
23.6	67.9	6910.7	400.0	-46.0	-46.9	290.4	11.5	10.8	-4.0	295.3	299.9	99.9	99.9	13.3	113.
25.5	71.3	7350.1	375.0	-50.2	-50.9	293.2	11.2	10.3	-4.4	295.2	299.9	99.9	99.9	14.4	113.
27.0	75.1	7802.8	350.0	-53.7	-53.7	290.8	11.1	10.4	-4.0	296.3	299.9	99.9	99.9	15.4	113.
28.5	79.0	8275.4	325.0	-56.7	-56.7	280.2	11.7	11.5	-2.1	298.6	299.9	99.9	99.9	16.4	113.
30.3	83.0	8762.9	300.0	-58.3	-58.9	276.2	17.9	17.8	-1.9	306.0	299.9	99.9	99.9	18.0	111.
32.4	87.0	9340.4	275.0	-52.6	-52.6	283.4	23.4	22.7	-5.4	319.1	299.9	99.9	99.9	20.5	110.
34.7	91.6	9957.9	250.0	-51.9	-51.9	290.0	20.7	19.4	-7.1	329.0	299.9	99.9	99.9	23.6	110.
37.2	96.4	10643.0	225.0	-50.2	-50.2	294.6	22.0	21.3	-5.6	341.5	299.9	99.9	99.9	27.1	110.
40.0	101.4	11408.5	200.0	-51.9	-51.9	270.8	21.7	21.4	-3.7	350.6	299.9	99.9	99.9	31.0	109.
43.2	107.3	12271.6	175.0	-53.5	-53.5	280.0	23.2	22.9	-4.0	361.7	299.9	99.9	99.9	35.4	108.
46.7	113.3	13258.4	150.0	-55.6	-55.6	278.6	23.2	23.3	-3.5	374.3	299.9	99.9	99.9	40.0	106.
51.0	120.0	14416.7	125.0	-55.5	-55.5	285.9	27.1	26.1	-7.4	394.8	299.9	99.9	99.9	47.1	106.
56.4	128.0	15841.9	100.0	-53.7	-53.7	275.6	19.6	19.5	-1.9	424.0	299.9	99.9	99.9	53.4	106.
62.7	136.3	17676.4	75.0	-57.1	-57.1	281.7	26.7	26.1	-5.4	453.2	299.9	99.9	99.9	62.6	104.
71.7	145.0	20209.1	50.0	-63.3	-63.3	278.0	20.0	19.8	-2.8	494.4	299.9	99.9	99.9	74.1	103.
85.8	154.3	24470.3	25.0	-64.6	-64.6	265.4	22.5	21.7	-6.0	549.1	299.9	99.9	99.9	90.1	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 446  
FORT TOTTEN, N.Y.

6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES M/I	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CIMP M/SEC	V CIMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	8.0	1000.3	1.7	0.4	999.9	99.9	99.9	99.9	275.3	285.4	3.9	91.0	999.9	999.9
0.0	5.7	10.4	1000.0	1.7	0.4	999.9	99.9	99.9	99.9	275.4	285.4	3.9	91.1	999.9	999.9
0.7	7.9	214.6	975.0	0.8	0.3	999.9	99.9	99.9	99.9	276.4	286.7	4.0	96.7	999.9	999.9
1.5	10.2	422.9	950.0	-0.7	-0.4	999.9	99.9	99.9	99.9	276.9	286.6	3.8	98.9	999.9	999.9
2.2	12.3	615.4	925.0	-2.5	-2.6	999.9	99.9	99.9	99.9	277.2	286.9	3.4	99.1	999.9	999.9
3.0	14.7	842.6	900.0	-3.4	-3.6	999.9	99.9	99.9	99.9	278.4	286.9	3.3	98.7	999.9	999.9
3.7	16.4	1076.2	875.0	-2.7	-2.9	999.9	99.9	99.9	99.9	281.4	290.8	3.5	98.6	999.9	999.9
4.6	19.2	1307.0	850.0	-1.8	-2.4	999.9	99.9	99.9	99.9	284.7	294.8	3.5	95.5	999.9	999.9
5.3	21.5	1544.9	825.0	-1.8	-3.1	999.9	99.9	99.9	99.9	287.1	298.8	3.5	86.0	999.9	999.9
6.2	24.3	1749.9	800.0	-1.5	-6.0	999.9	99.9	99.9	99.9	289.9	298.3	3.1	71.4	999.9	999.9
7.1	26.4	2042.7	775.0	-2.4	-6.8	999.9	99.9	99.9	99.9	291.6	299.8	3.0	71.9	999.9	999.9
8.0	29.3	2302.4	750.0	-3.9	-8.3	999.9	99.9	99.9	99.9	292.7	300.4	2.7	71.1	999.9	999.9
9.0	31.7	2569.7	725.0	-5.1	-11.7	999.9	99.9	99.9	99.9	294.1	300.3	2.1	59.5	999.9	999.9
10.1	34.4	2844.8	700.0	-6.8	-15.1	999.9	99.9	99.9	99.9	295.2	300.1	1.7	50.5	999.9	999.9
10.9	37.0	3127.7	675.0	-8.4	-17.4	999.9	99.9	99.9	99.9	296.5	300.7	1.4	47.8	999.9	999.9
11.9	40.0	3419.1	650.0	-11.0	-19.7	999.9	99.9	99.9	99.9	298.7	300.4	1.2	48.1	999.9	999.9
12.9	42.7	3719.4	625.0	-13.3	-28.2	999.9	99.9	99.9	99.9	297.3	299.2	0.6	27.1	999.9	999.9
14.0	45.3	4029.1	600.0	-15.1	-59.1	999.9	99.9	99.9	99.9	298.6	298.7	0.0	1.1	999.9	999.9
15.1	48.3	4349.8	575.0	-18.2	-60.1	999.9	99.9	99.9	99.9	298.6	298.6	0.0	1.2	999.9	999.9
16.2	51.9	4679.3	550.0	-20.7	-60.2	999.9	99.9	99.9	99.9	299.5	299.6	0.0	1.5	999.9	999.9
17.3	55.1	5021.7	525.0	-21.9	-63.3	999.9	99.9	99.9	99.9	302.1	302.1	0.0	1.0	999.9	999.9
18.7	59.1	5379.8	500.0	-23.8	-65.1	999.9	99.9	99.9	99.9	303.9	304.0	0.0	1.0	999.9	999.9
20.1	61.4	5752.1	475.0	-24.4	-68.4	999.9	99.9	99.9	99.9	305.2	305.3	0.0	1.0	999.9	999.9
21.6	65.4	6141.2	450.0	-28.5	-68.2	999.9	99.9	99.9	99.9	307.3	307.3	0.0	1.0	999.9	999.9
22.9	68.9	6549.3	425.0	-30.1	-69.3	999.9	99.9	99.9	99.9	310.3	310.4	0.0	1.0	999.9	999.9
24.3	72.5	6979.2	400.0	-34.6	-54.4	999.9	99.9	99.9	99.9	312.6	312.6	0.1	9.7	999.9	999.9
25.7	76.5	7430.2	375.0	-36.5	-54.0	999.9	99.9	99.9	99.9	313.2	313.4	0.1	14.4	999.9	999.9
27.3	80.6	7904.3	350.0	-40.5*	-54.0	999.9	99.9	99.9	99.9	314.1	314.1	0.1	999.9	999.9	999.9
29.0	85.0	8474.5	325.0	-44.7	-54.7	999.9	99.9	99.9	99.9	315.0	315.0	99.9	999.9	999.9	999.9
30.6	89.4	8935.2	300.0	-48.0	-54.9	999.9	99.9	99.9	99.9	317.7	317.7	99.9	999.9	999.9	999.9
32.1	94.4	9507.0	275.0	-50.6	-54.4	999.9	99.9	99.9	99.9	322.0	322.0	99.9	999.9	999.9	999.9
34.2	99.4	10124.4	250.0	-52.8	-54.9	999.9	99.9	99.9	99.9	327.6	327.6	99.9	999.9	999.9	999.9
36.3	104.9	10805.1	225.0	-52.4	-54.9	999.9	99.9	99.9	99.9	338.2	338.2	99.9	999.9	999.9	999.9
38.4	110.6	11567.0	200.0	-52.3	-54.9	999.9	99.9	99.9	99.9	349.9	349.9	99.9	999.9	999.9	999.9
40.8	116.9	12426.4	175.0	-54.6	-54.9	999.9	99.9	99.9	99.9	359.8	359.8	99.9	999.9	999.9	999.9
43.3	121.9	13408.0	150.0	-57.2	-54.9	999.9	99.9	99.9	99.9	371.6	371.6	99.9	999.9	999.9	999.9
46.1	131.3	14553.1	125.0	-58.2	-54.9	999.9	99.9	99.9	99.9	389.5	389.5	99.9	999.9	999.9	999.9
49.6	139.4	15348.4	100.0	-60.7	-54.9	999.9	99.9	99.9	99.9	410.5	410.5	99.9	999.9	999.9	999.9
54.0	146.7	17754.0	75.0	-63.3	-54.9	999.9	99.9	99.9	99.9	440.2	440.2	99.9	999.9	999.9	999.9
61.4	155.3	20217.2	50.0	-65.8	-54.9	999.9	99.9	99.9	99.9	488.4	488.4	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 518  
ALBANY, N.Y.

6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DG C	DLW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	90.0	992.0	-7.1	-4.1	160.0	0.5	-0.2	0.5	271.0	278.3	2.9	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	7.3	223.0	975.0	-3.6	-3.8	73.7	12.3	-11.8	-	271.9	279.4	3.0	98.2	0.3	34.
1.5	9.3	428.4	950.0	-3.4	-3.4	148.1	5.0	-2.6	4.2	274.1	282.2	3.1	100.6	0.2	336.
2.3	11.0	437.3	975.0	-3.4	-3.4	162.3	8.0	-2.4	7.6	276.3	284.6	3.2	100.3	0.5	340.
3.2	13.0	655.8	900.0	-4.5	-4.5	173.3	7.8	-0.4	7.8	277.3	285.3	3.1	99.9	0.9	342.
4.1	15.0	1074.3	875.0	-4.8	-4.8	200.1	8.1	2.8	7.7	279.2	287.3	3.1	99.9	1.4	350.
5.0	16.9	1306.1	810.0	-5.4	-5.4	244.0	6.5	5.8	2.8	280.9	288.8	3.0	99.8	1.6	0.
5.9	19.0	1540.1	825.0	-6.7	-6.8	264.0	7.3	7.3	0.8	281.8	289.3	2.8	99.6	1.8	12.
6.9	20.9	1780.4	800.0	-6.8	-6.9	272.9	6.1	6.0	-0.3	284.3	292.0	2.9	99.4	1.8	24.
7.7	23.1	2024.1	775.0	-7.8	-7.9	250.8	7.6	7.2	2.5	285.8	293.2	2.7	98.9	2.1	32.
8.6	25.3	2281.5	750.0	-7.8	-8.0	233.2	7.5	6.0	4.5	288.5	296.2	2.8	98.7	2.5	37.
9.6	27.4	2587.4	725.0	-8.1	-8.3	224.0	7.4	5.1	5.3	291.0	298.9	2.8	98.4	2.9	38.
10.7	29.7	2819.9	700.0	-9.0	-9.2	216.3	7.2	4.3	5.8	292.9	300.5	2.7	98.1	3.4	39.
11.4	32.1	3121.1	675.0	-10.3	-10.6	211.4	7.6	4.0	6.5	294.4	301.6	2.5	97.6	3.7	38.
12.7	34.5	3391.3	650.0	-12.0	-12.4	211.2	8.4	4.3	7.2	295.7	302.2	2.3	96.3	4.3	37.
13.8	36.7	3693.4	625.0	-13.7	-14.4	211.0	9.0	4.7	7.4	297.0	302.8	2.0	94.9	4.8	36.
14.9	39.1	3999.9	600.0	-16.0	-16.7	207.4	9.9	4.6	8.8	297.8	302.9	1.7	93.7	5.5	36.
16.0	41.7	4314.7	575.0	-17.8	-18.8	204.3	9.7	4.0	8.8	299.3	303.8	1.5	92.2	6.2	35.
17.2	44.3	4650.8	550.0	-20.4	-21.4	202.5	9.6	3.7	8.9	300.0	303.8	1.3	91.5	6.8	33.
18.4	47.1	4991.7	525.0	-22.9	-24.1	209.8	12.8	6.4	11.1	301.0	304.2	1.0	89.4	7.6	32.
19.7	50.0	5344.6	500.0	-25.7	-27.1	223.1	12.7	8.7	9.2	301.8	304.4	0.8	87.8	8.6	33.
21.0	52.7	5714.8	475.0	-28.6	-30.4	228.6	11.8	8.8	7.8	302.6	304.6	0.6	84.7	9.6	34.
22.5	55.6	6104.4	450.0	-32.0	-34.1	227.5	9.4	6.9	6.3	303.0	304.5	0.5	81.6	10.4	36.
24.0	58.6	6535.2	425.0	-35.6	-38.1	223.7	7.6	5.2	5.5	303.4	304.5	0.3	77.6	11.2	36.
25.7	61.9	6923.9	400.0	-39.4	-42.4	229.4	5.6	4.3	3.6	303.7	304.5	0.2	73.2	11.8	37.
27.3	65.2	7361.5	375.0	-43.4	-46.9	230.6	8.1	6.3	5.2	304.1	304.9	99.9	99.9	12.4	37.
29.1	68.6	7823.0	350.0	-46.3	-49.9	244.1	19.4	17.9	6.7	306.3	309.9	99.9	99.9	13.7	40.
30.9	72.0	8113.7	325.0	-48.7	-51.9	245.9	33.3	30.4	13.6	309.6	309.9	99.9	99.9	16.2	44.
32.8	76.0	8414.1	300.0	-49.6	-52.4	245.0	47.2	42.8	19.8	315.5	309.9	99.9	99.9	20.7	49.
34.9	80.0	8805.4	275.0	-51.6	-54.9	244.3	55.3	49.4	24.0	320.4	309.9	99.9	99.9	27.1	52.
37.2	84.2	10022.1	250.0	-52.4	-54.9	245.9	55.8	51.0	22.8	328.1	309.9	99.9	99.9	34.7	55.
39.4	88.7	11704.7	225.0	-51.9	-54.9	246.5	47.8	44.5	17.5	339.0	309.9	99.9	99.9	42.5	57.
42.4	93.8	11467.9	200.0	-52.1	-54.9	248.0	51.4	47.9	18.8	350.3	309.9	99.9	99.9	50.8	59.
45.4	98.8	12331.4	175.0	-52.8	-54.9	244.3	43.1	38.9	18.7	362.8	309.9	99.9	99.9	59.1	60.
49.0	105.3	13120.1	150.0	-55.0	-59.9	243.2	49.6	44.2	22.4	375.2	309.9	99.9	99.9	69.9	60.
52.8	111.7	14378.2	125.0	-57.4	-59.9	243.1	44.79	39.8	20.2	391.1	309.9	99.9	99.9	80.7	61.
57.3	119.3	15879.9	100.0	-59.3	-59.9	255.4	34.10	33.0	8.6	413.1	309.9	99.9	99.9	91.2	62.
61.0	125.7	17069.5	75.0	-61.6	-59.9	256.4	39.09	37.9	9.1	433.7	309.9	99.9	99.9	103.1	63.
70.6	139.3	20148.0	50.0	-65.3	-59.9	254.0	43.10	43.3	12.4	489.6	309.9	99.9	99.9	118.3	64.
82.5	150.5	24344.2	25.0	-64.2	-59.9	262.0	38.89	38.4	5.4	600.5	309.9	99.9	99.9	143.2	68.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURGH, PA

6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	WEIGHT GPM	PHFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	7.6	359.0	901.3	1.5	-1.1	205.0	5.1	5.1	0.4	278.2	287.8	3.7	83.0	0.0	0.
00.9	98.3	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.3	97.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.3	4.4	950.0	0.4	-0.5	265.0	11.0	11.0	1.0	278.5	284.5	3.9	90.1	0.3	08.
1.3	10.5	763.3	925.0	-0.7	-1.0	268.2	11.7	11.7	0.4	278.0	284.0	3.9	98.9	0.7	87.
2.1	12.3	846.9	900.0	-1.9	-1.0	272.3	14.9	14.9	-0.6	280.1	289.7	3.7	100.8	1.3	88.
2.8	14.4	1110.7	875.0	-3.3	-3.1	273.1	16.7	16.7	-0.9	280.8	289.8	3.4	100.6	2.0	90.
3.5	16.3	1340.0	850.0	-3.4	-3.8	269.6	17.4	17.4	0.1	282.6	291.7	3.4	100.5	2.8	91.
4.4	18.5	1575.8	825.0	-4.5	-4.5	264.1	17.7	17.6	1.8	284.3	293.2	7.3	100.4	3.7	89.
5.2	20.6	1814.0	800.0	-5.5	-5.5	264.8	19.1	19.1	1.7	285.7	294.3	3.2	100.3	4.6	88.
6.0	22.5	2066.7	775.0	-6.7	-6.7	260.4	18.5	18.5	0.1	287.0	295.2	3.0	100.1	5.5	88.
6.9	24.1	2322.4	750.0	-8.3	-8.1	270.9	18.0	18.0	-0.2	287.9	295.5	2.7	99.9	6.5	89.
7.9	27.2	2545.2	725.0	-9.4	-9.4	267.1	19.5	19.5	1.0	289.0	296.0	2.5	98.7	7.5	89.
8.4	28.5	2815.7	700.0	-11.2	-11.1	263.9	19.9	19.9	2.1	290.4	296.9	2.3	99.2	8.7	88.
9.9	32.0	3134.0	675.0	-13.1	-13.4	262.8	20.9	20.9	2.6	291.2	297.0	2.0	97.5	10.0	87.
10.4	34.6	3420.8	650.0	-15.2	-15.4	264.0	20.0	19.9	2.1	292.0	297.0	1.7	94.8	11.1	87.
11.4	36.4	3716.7	625.0	-16.7	-17.4	261.3	19.1	18.9	2.3	293.5	298.1	1.6	94.2	12.3	87.
12.8	38.3	4012.1	600.0	-18.9	-20.0	258.7	19.1	18.7	3.7	294.3	298.2	1.3	91.0	13.4	86.
13.9	42.0	4317.7	575.0	-21.2	-22.9	261.3	19.9	19.7	3.0	295.3	298.4	1.0	85.5	14.7	85.
14.9	44.4	4644.3	550.0	-23.8	-25.5	262.3	19.7	19.3	2.6	295.9	298.6	0.9	86.0	15.9	85.
15.9	47.7	5002.4	525.0	-26.6	-28.1	254.9	15.8	15.6	2.8	296.5	298.7	0.7	86.3	17.0	85.
17.1	50.6	5352.7	500.0	-29.8	-31.0	258.7	14.9	14.7	2.9	296.8	298.5	0.5	83.7	18.0	85.
18.3	53.5	5716.0	475.0	-33.0	-35.0	257.0	15.0	14.9	3.2	297.2	298.5	0.4	81.6	19.1	84.
19.6	56.4	6094.0	450.0	-36.2	-38.0	260.6	16.0	15.9	2.6	297.7	298.7	0.3	83.6	20.3	84.
20.9	59.0	6417.0	425.0	-34.5	-39.3	262.8	15.2	15.1	1.9	298.1	299.9	99.9	999.9	21.6	84.
22.4	61.1	6818.4	400.0	-44.0	-44.0	260.7	12.9	12.7	2.2	297.8	299.9	99.9	999.9	22.8	84.
24.0	64.4	7339.0	375.0	-47.0	-49.9	259.9	14.5	14.3	2.6	298.6	299.9	99.9	999.9	24.0	84.
25.7	70.3	7782.4	350.0	-48.4	-49.9	259.9	21.0	21.0	5.3	303.5	299.9	99.9	999.9	25.8	83.
27.2	74.0	8270.0	325.0	-48.8	-49.9	257.4	31.4	31.9	9.8	309.4	299.9	99.9	999.9	28.5	82.
29.2	78.2	8795.4	300.0	-49.8	-49.9	250.5	37.8	35.6	12.6	315.2	299.9	99.9	999.9	32.8	81.
31.3	82.5	9361.7	275.0	-50.7	-49.9	245.3	40.4	36.7	16.9	321.9	299.9	99.9	999.9	37.7	79.
33.4	87.0	9981.2	250.0	-51.8	-49.9	247.0	44.6	41.1	17.5	329.0	299.9	99.9	999.9	42.9	77.
36.0	92.1	10668.3	225.0	-51.7	-49.9	245.4	46.2	42.0	19.2	339.3	299.9	99.9	999.9	49.7	76.
38.5	97.5	11432.3	200.0	-52.1	-49.9	247.9	54.5	50.5	20.5	350.2	299.9	99.9	999.9	57.6	74.
41.4	103.1	12293.6	175.0	-53.2	-49.9	252.0	42.34	40.5	12.5	362.2	299.9	99.9	999.9	66.7	74.
44.0	110.2	13245.1	150.0	-55.1	-49.9	245.0	47.49	44.8	14.8	375.1	299.9	99.9	999.9	74.6	73.
49.1	117.1	14442.7	125.0	-58.1	-49.9	246.9	34.88	32.0	13.7	389.9	299.9	99.9	999.9	84.2	71.
53.4	125.8	15841.0	100.0	-60.1	-49.9	249.0	37.08	34.5	13.3	411.7	299.9	99.9	999.9	96.0	70.
60.2	134.3	17644.3	75.0	-59.4	-49.9	244.5	29.38	29.2	2.6	448.4	299.9	99.9	999.9	109.5	71.
70.4	144.1	21144.4	50.0	-64.3	-49.9	999.7	99.9	99.7	49.9	492.1	299.9	99.9	999.9	999.9	999.9
99.9	99.9	59.0	25.0	49.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 MY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF GOOD QUALITY

STATION NO. 52H  
BUFFALO, N Y6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CCNP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.7	218.0	977.0	-2.2	-3.3	360.0	2.6	0.0	-2.6	273.1	281.0	3.1	12.0	0.0	0.0
00.9	94.9	94.9	1000.0	99.9	99.9	99.9	99.9	94.0	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.1	6.3	234.3	975.0	-2.7	-3.7	315.0	3.8	0.3	-3.8	272.8	280.4	3.0	92.6	0.3	79.0
01.8	8.3	434.8	950.0	-4.2	-4.2	353.1	4.3	0.5	-4.2	273.3	280.9	2.9	99.7	0.2	166.0
1.5	10.9	649.8	925.0	-5.1	-5.1	315.7	7.3	1.6	-1.7	274.4	281.7	2.8	101.9	0.1	166.0
2.3	13.0	865.1	900.0	-5.4	-5.4	317.7	4.4	3.0	-3.2	276.3	283.6	2.8	102.1	0.4	153.0
3.1	15.1	1075.9	875.0	-6.2	-6.2	294.9	5.2	4.5	-2.6	277.7	284.9	2.7	102.0	0.6	148.0
4.0	17.2	1317.7	850.0	-6.8	-6.8	280.4	9.1	9.0	-1.7	279.5	286.8	2.7	102.0	0.9	132.0
4.7	19.5	1540.3	825.0	-6.5	-6.5	283.1	12.3	12.0	-2.8	282.0	289.7	2.8	102.0	1.4	122.0
5.5	21.3	1766.6	800.0	-7.5	-7.5	280.2	12.4	12.2	-2.2	283.5	290.9	2.7	101.9	1.0	116.0
6.4	23.9	2033.6	775.0	-8.2	-8.2	269.9	12.9	12.9	0.0	285.3	292.5	2.7	101.8	2.6	111.0
7.2	26.1	2219.4	750.0	-8.6	-8.6	266.6	14.1	14.1	0.8	287.6	294.9	2.7	101.7	3.3	106.0
8.1	28.0	2551.1	725.0	-9.4	-9.4	269.2	12.8	12.8	0.2	289.1	296.1	2.5	101.5	3.9	103.0
9.1	31.1	2821.8	700.0	-11.2	-11.2	263.1	11.8	11.8	0.2	290.4	296.9	2.3	101.4	4.6	101.0
10.1	33.0	3100.5	675.0	-12.1	-12.1	274.8	11.8	11.7	-1.0	292.3	298.7	2.2	101.2	5.3	99.0
11.1	36.3	3384.1	650.0	-13.7	-13.7	273.3	13.5	13.5	-0.8	293.7	299.6	2.0	101.0	6.2	99.0
12.6	38.7	3686.2	625.0	-15.1	-15.2	272.5	13.4	13.4	-0.6	295.4	300.8	1.9	99.6	7.2	98.0
13.6	41.2	3916.6	600.0	-17.3	-17.7	276.2	13.0	13.0	-1.4	296.2	300.9	1.6	96.7	8.0	98.0
14.7	44.1	4311.7	575.0	-19.7	-20.3	269.6	13.8	13.8	0.1	297.1	301.0	1.3	95.0	9.0	97.0
15.9	47.0	4634.8	550.0	-22.1	-22.9	264.7	13.7	13.7	1.3	297.9	301.3	1.1	93.4	10.0	96.0
17.4	50.3	4953.7	525.0	-24.8	-25.6	254.8	15.7	15.1	4.1	298.7	301.4	0.9	93.0	11.2	94.0
18.8	52.8	5334.5	500.0	-27.5	-28.3	253.2	16.0	15.3	4.6	299.6	301.9	0.7	92.6	12.4	92.0
20.2	55.8	5701.1	475.0	-30.5	-32.9	260.4	13.2	13.1	2.1	300.2	301.9	0.5	79.3	13.7	91.0
21.4	59.0	6042.4	450.0	-33.9	-37.1	261.4	11.5	11.4	1.2	300.6	301.8	0.3	71.9	14.7	90.0
23.2	62.4	6490.1	425.0	-37.6	-40.5	265.3	11.5	11.4	0.8	301.0	301.9	0.3	72.5	15.7	90.0
24.7	65.3	6945.5	400.0	-41.0	-45.9	261.1	11.1	10.9	1.7	301.7	999.9	99.9	999.9	16.8	89.0
25.2	69.4	7313.5	375.0	-45.0	-49.9	231.7	8.9	7.2	5.1	302.1	999.9	99.9	999.9	17.6	88.0
27.3	73.0	7747.1	350.0	-49.4	-54.9	230.0	10.9	8.4	7.0	302.1	999.9	99.9	999.9	18.3	87.0
29.8	77.0	8268.1	325.0	-53.8	-59.9	216.0	12.1	7.1	9.8	302.5	999.9	99.9	999.9	19.4	86.0
31.7	81.0	8779.5	300.0	-54.2	-59.9	231.9	15.4	12.5	9.1	104.0	999.9	99.9	999.9	20.5	81.0
33.9	85.3	9337.6	275.0	-54.2	-59.9	244.5	20.5	18.3	8.8	316.8	999.9	99.9	999.9	22.9	79.0
36.4	90.3	9930.5	250.0	-52.7	-59.9	238.4	30.8	26.3	16.2	327.7	999.9	99.9	999.9	26.3	77.0
39.1	95.2	10632.4	225.0	-52.1	-59.9	236.9	36.1	30.9	18.6	338.7	999.9	99.9	999.9	31.7	74.0
42.0	100.4	11344.3	200.0	-52.7	-59.9	237.9	38.5	32.9	20.3	349.3	999.9	99.9	999.9	38.1	72.0
45.1	106.1	12254.3	175.0	-52.4	-59.9	246.7	37.1	34.0	14.9	362.7	999.9	99.9	999.9	45.9	71.0
49.2	112.7	13250.4	150.0	-53.1	-59.9	236.0	37.8	31.3	11.1	378.6	999.9	99.9	999.9	54.2	69.0
53.7	120.3	14421.1	125.0	-54.5	-59.9	244.6	32.4	29.4	14.0	396.3	999.9	99.9	999.9	64.8	67.0
59.0	126.7	15841.1	100.0	-57.5	-59.9	247.9	30.1	27.9	11.3	416.6	999.9	99.9	999.9	74.5	67.0
65.5	134.3	17572.4	75.0	-60.4	-59.9	255.1	28.2	27.3	7.2	445.3	999.9	99.9	999.9	86.9	68.0
74.6	149.1	21044.0	50.0	-64.2	-59.9	258.5	33.0	32.0	8.3	492.2	999.9	99.9	999.9	102.8	69.0
88.6	169.0	26144.7	25.0	-63.8	-59.9	261.9	31.8	31.5	4.5	601.2	999.9	99.9	999.9	128.0	72.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PEORIA, ILL6 FEBRUARY 1975  
1115 GMT

144 45. 0

TIME MIN	CNCT	HEIGHT GPM	PRFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POF T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	200.7	920.7	-9.4	-12.7	280.0	5.1	5.0	-0.9	266.6	266.4	1.5	77.0	0.0	0.
99.9	99.9	53.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	6.5	323.2	975.0	-11.1	-12.3	290.7	11.4	10.6	-4.0	266.2	266.1	1.5	90.9	0.2	111.
1.1	8.5	522.1	950.0	-12.8	-13.1	290.9	10.4	4.3	-4.7	266.2	266.2	1.5	98.6	0.6	112.
1.9	16.4	726.0	925.0	-11.2	-11.2	309.6	11.2	8.6	-7.1	266.1	266.2	1.5	101.3	1.1	117.
2.5	12.3	978.5	900.0	-7.4	-7.4	318.8	10.2	6.7	-7.7	274.2	260.5	2.4	101.9	1.5	122.
3.3	18.3	1157.8	875.0	-8.3	-8.3	316.8	10.2	7.0	-7.4	275.5	261.6	2.3	101.7	1.9	126.
3.9	16.2	1302.4	850.0	-9.6	-9.6	312.4	10.8	8.0	-7.3	276.3	262.1	2.2	101.6	2.3	127.
4.7	18.3	1612.9	825.0	-9.8	-9.8	319.7	9.2	5.4	-7.0	276.5	264.4	2.2	101.5	2.8	128.
5.4	26.4	1850.7	800.0	-10.2	-10.2	328.7	9.5	5.0	-8.1	280.6	266.5	2.2	101.5	3.3	131.
6.4	22.5	2024.7	775.0	-11.8	-11.8	327.5	9.3	5.0	-7.8	281.3	266.8	2.0	101.3	3.7	131.
7.2	24.7	2165.8	750.0	-12.2	-12.2	326.8	10.8	6.2	-8.8	283.5	269.0	2.0	101.2	4.2	135.
8.1	26.8	2068.8	725.0	-12.7	-12.7	319.0	11.1	7.3	-8.4	285.8	291.3	2.0	100.8	4.8	136.
9.0	25.2	2471.9	700.0	-14.3	-14.3	312.4	11.5	8.4	-7.8	285.9	292.0	1.8	99.6	5.3	136.
9.8	31.6	3146.7	675.0	-16.4	-16.4	307.6	11.0	8.8	-6.7	287.5	291.9	1.5	98.0	5.9	135.
10.6	34.1	3450.4	650.0	-16.8	-17.1	300.3	9.9	8.5	-5.0	290.1	294.5	1.5	97.3	6.6	134.
11.8	36.4	3744.7	625.0	-16.4	-16.9	294.0	9.6	8.8	-3.9	291.5	295.5	1.4	96.1	7.1	133.
12.4	39.7	4028.2	600.0	-20.5	-21.2	286.2	11.0	10.6	-3.1	292.5	295.9	1.2	94.0	7.6	131.
13.9	41.4	4322.2	575.0	-22.6	-24.0	280.5	12.3	12.1	-2.2	293.5	295.6	0.7	91.4	8.3	129.
14.9	44.2	4665.9	550.0	-25.1	-29.8	278.3	12.7	12.7	-1.1	294.4	296.2	0.6	84.1	9.0	126.
15.9	47.1	5003.4	525.0	-27.5	-32.2	271.7	14.1	14.1	-0.4	295.4	296.9	0.5	63.9	9.7	123.
16.9	50.1	5312.7	500.0	-30.3	-36.8	268.3	14.0	14.0	0.3	296.1	297.4	0.4	63.8	10.4	121.
18.0	53.0	5715.2	475.0	-33.6	-37.6	267.6	14.2	14.2	0.6	296.3	297.3	0.3	66.8	11.2	118.
19.2	55.9	6022.1	450.0	-36.7	-40.7	266.2	14.4	14.4	1.4	297.1	297.9	0.2	65.6	12.0	116.
20.4	58.1	6348.7	425.0	-40.5	-44.9	265.2	15.0	14.9	1.2	297.2	299.9	99.9	99.9	13.0	113.
21.9	61.7	6424.1	400.0	-44.5	-49.1	262.1	15.3	15.2	2.1	297.2	299.9	99.9	99.9	14.2	111.
23.3	65.0	7122.9	375.0	-48.2	-53.7	260.3	14.8	14.6	2.5	297.8	299.9	99.9	99.9	15.3	108.
24.8	69.3	7773.9	350.0	-51.8	-59.1	261.6	14.7	14.5	2.1	298.8	299.9	99.9	99.9	16.5	106.
26.5	73.0	8269.5	325.0	-57.2	-66.9	260.6	13.6	13.6	0.1	299.2	299.9	99.9	99.9	17.9	105.
28.1	77.4	8754.0	300.0	-64.7	-74.9	253.1	12.8	12.3	3.6	302.6	299.9	99.9	99.9	19.1	103.
30.0	82.0	9299.8	275.0	-68.9	-80.9	260.4	12.7	17.4	2.9	310.0	299.9	99.9	99.9	20.4	101.
31.9	86.4	9432.2	250.0	-65.8	-89.4	261.0	20.5	20.2	3.2	323.1	299.9	99.9	99.9	22.7	99.
34.1	91.8	10575.1	225.0	-63.9	-94.4	256.7	21.3	22.9	5.3	335.9	299.9	99.9	99.9	25.2	96.
36.3	97.0	11329.7	200.0	-64.4	-99.0	260.1	23.0	24.9	1.7	348.6	299.9	99.9	99.9	28.8	95.
39.8	103.0	12146.6	175.0	-65.0	-99.4	252.8	26.7	25.5	7.9	359.1	299.9	99.9	99.9	31.9	93.
41.4	110.0	13171.6	150.0	-64.6	-99.4	259.1	23.2	22.8	4.4	376.1	299.9	99.9	99.9	36.2	92.
45.2	117.3	14341.0	125.0	-64.2	-99.4	261.3	23.4	23.1	3.5	396.9	299.9	99.9	99.9	41.4	90.
50.4	126.3	15770.1	100.0	-64.4	-99.4	256.4	24.6	23.9	5.8	422.6	299.9	99.9	99.9	46.2	89.
56.8	136.3	17593.4	75.0	-64.9	-99.4	253.1	19.1	17.4	5.3	447.4	299.9	99.9	99.9	58.0	88.
64.0	146.0	20116.0	50.0	-62.7	-94.3	271.6	22.8	22.8	-0.6	492.8	299.9	99.9	99.9	70.6	86.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

\* BY TEMP MEANS TEMPERATURE 10 TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 553  
OHAMA, NEB6 FEBRUARY 1975  
1115 GMT

TIME MIN	CHTCT	HEIGHT GPM	PHES MM	TEMP DG C	DEW PT DG C	DIN DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E PUT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.6	400.0	975.4	-19.3	-21.6	340.0	6.7	2.3	-6.3	256.8	258.0	0.7	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.0	999.0
0.0	7.6	401.1	975.0	-18.3	-21.7	336.9	7.3	2.9	-6.7	236.8	258.6	0.7	74.5	0.0	14.
0.9	9.1	546.9	950.0	-19.2	-22.1	326.7	15.4	8.5	-12.7	257.8	259.6	0.7	77.8	0.5	146.
1.5	12.1	745.0	925.0	-20.2	-22.8	337.6	18.0	6.4	-16.0	258.7	260.5	0.7	79.7	1.1	149.
2.2	14.4	949.4	900.0	-18.0	-23.5	347.1	16.6	3.7	-16.2	263.1	264.8	0.6	61.7	1.9	155.
3.0	16.5	1210.2	875.0	-17.6	-23.4	347.9	13.8	7.4	-13.5	265.6	267.4	0.7	60.4	2.5	159.
3.7	19.0	1428.0	850.0	-15.4	-17.4	336.5	13.2	5.7	-11.9	270.1	273.2	1.1	84.6	3.1	159.
4.3	21.3	1654.2	825.0	-14.1	-15.2	325.3	12.2	7.0	-10.0	273.9	277.7	1.4	90.8	3.6	158.
5.0	23.7	1884.6	800.0	-13.2	-13.9	314.8	11.6	7.5	-8.9	277.3	281.7	1.6	93.9	4.1	156.
5.8	26.1	2130.1	775.0	-13.8	-15.0	323.6	10.6	6.1	-8.5	274.1	283.3	1.5	90.5	4.6	154.
6.7	28.7	2379.0	750.0	-14.9	-15.5	324.0	10.2	5.2	-8.7	240.5	284.8	1.5	95.3	5.1	153.
7.6	31.3	2612.6	725.0	-14.1	-14.7	310.0	10.0	5.0	-8.7	244.2	284.9	1.7	95.3	5.7	153.
8.5	34.0	2802.1	700.0	-14.5	-16.0	326.2	10.0	5.0	-8.3	286.6	291.1	1.6	88.0	6.3	153.
9.4	36.6	3177.3	675.0	-15.8	-17.5	321.5	10.5	6.5	-8.2	288.1	292.2	1.4	86.8	6.8	152.
10.3	39.4	3461.0	650.0	-17.7	-19.5	318.0	11.3	7.0	-8.4	289.1	292.7	1.3	86.1	7.3	151.
11.3	42.0	3737.3	625.0	-14.9	-21.0	313.6	12.1	8.1	-8.4	284.8	293.1	1.1	90.9	8.0	150.
12.3	44.4	4045.0	600.0	-21.7	-23.8	310.5	13.6	10.4	-8.8	291.0	293.8	0.9	83.4	8.7	148.
13.3	47.3	4367.3	575.0	-23.9	-26.4	307.8	14.3	11.3	-8.7	292.1	294.4	0.8	79.1	9.5	147.
14.6	50.3	4690.4	550.0	-26.4	-24.9	307.6	12.8	10.1	-7.8	292.8	294.6	0.4	71.9	10.4	145.
15.6	53.4	5024.8	525.0	-29.1	-32.9	305.3	12.0	9.8	-6.9	293.4	294.9	0.5	69.8	11.2	144.
16.7	57.0	5371.6	500.0	-32.1	-36.8	300.1	12.1	10.5	-6.1	293.8	294.9	0.3	62.6	12.0	142.
17.9	60.3	5731.7	475.0	-35.3	-40.2	298.4	12.8	11.3	-6.1	294.3	295.0	0.2	60.1	12.8	141.
19.2	63.6	6105.9	450.0	-38.4	-43.7	302.5	12.9	10.8	-7.0	295.0	295.5	0.2	56.9	13.8	139.
20.3	67.3	6445.9	425.0	-41.9	-49.9	304.7	11.7	9.3	-6.8	295.4	299.7	99.9	999.9	14.6	136.
21.8	70.6	6903.7	400.0	-45.5	-50.9	298.1	13.9	13.2	-4.4	295.8	299.9	99.9	999.9	15.6	136.
23.3	74.2	7310.0	375.0	-49.3	-54.9	288.9	13.2	12.5	-4.3	296.3	299.9	99.9	999.9	16.8	135.
25.2	78.2	7774.1	350.0	-53.4	-59.9	285.7	14.9	14.3	-4.0	296.7	299.9	99.9	999.9	18.1	132.
27.0	82.3	8251.5	325.0	-56.4	-64.9	294.2	14.9	13.1	-7.0	298.9	299.9	99.9	999.9	19.7	130.
29.0	86.0	8758.3	300.0	-57.9	-65.9	316.3	15.8	10.9	-11.4	303.7	299.9	99.9	999.9	21.3	130.
31.0	90.3	9310.0	275.0	-55.1	-64.9	293.9	7.5	6.9	-3.0	315.4	299.9	99.9	999.9	23.2	130.
33.4	95.1	9919.0	250.0	-54.2	-64.9	303.9	23.1	19.2	-12.9	325.5	299.9	99.9	999.9	24.3	130.
36.1	100.3	10595.6	225.0	-51.5	-64.9	297.9	17.6	15.8	-8.1	336.6	299.9	99.9	999.9	28.5	129.
39.1	105.2	11354.2	200.0	-52.7	-64.9	295.4	20.8	18.8	-8.9	349.3	299.9	99.9	999.9	31.8	127.
42.8	110.8	12216.1	175.0	-53.4	-64.9	287.3	20.4	14.4	-8.1	361.8	299.9	99.9	999.9	35.9	125.
47.0	117.3	13206.4	150.0	-54.0	-64.9	291.5	22.0	20.5	-8.1	377.0	299.9	99.9	999.9	40.7	123.
51.4	124.1	14369.9	125.0	-56.2	-64.9	288.2	20.2	19.2	-6.3	393.3	299.9	99.9	999.9	45.8	122.
57.2	132.0	15758.9	100.0	-53.5	-64.9	295.5	19.7	17.7	-8.5	424.4	299.9	99.9	999.9	52.5	121.
63.5	140.0	17615.3	75.0	-57.1	-64.9	287.6	14.9	19.0	-6.0	453.3	299.9	99.9	999.9	59.6	120.
73.8	164.3	21411.5	50.0	-60.7	-64.9	283.0	13.7	13.4	-3.1	500.4	299.9	99.9	999.9	70.2	118.
88.1	157.5	24475.0	25.0	-63.6	-64.9	286.5	19.9	19.1	-5.7	602.0	299.9	99.9	999.9	88.1	117.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

191 20. 1

TIME MIN	CNTCT	HEIGHT GPN	PRFS MIL	TEMP UG C	DEW PT UG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T UG K	E POT T OG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ OG
0.0	5.3	20.0	999.5	-2.2	-4.4	10.0	5.2	-0.9	-5.1	271.3	278.4	2.8	85.0	0.0	0.
99.9	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	7.3	216.4	975.0	-4.0	-4.2	11.7	3.4	-3.1	-0.5	271.5	278.6	2.9	98.2	0.6	197.
1.4	10.1	471.5	950.0	-4.6	-4.6	57.8	12.1	-10.2	-6.5	272.9	280.2	2.9	102.4	0.9	209.
2.2	12.1	631.4	925.0	-4.0	-4.0	77.7	14.2	-13.9	-3.0	273.6	283.6	3.1	102.4	1.5	225.
3.0	14.4	793.0	900.0	-4.8	-4.8	91.5	15.9	-15.9	0.4	275.6	284.7	3.0	102.3	2.1	238.
3.8	16.4	1009.4	875.0	-5.0	-5.0	103.5	14.8	-14.4	3.5	276.9	286.8	3.0	102.3	2.7	248.
4.4	18.7	1298.5	850.0	-3.4	-3.4	105.2	13.1	-12.7	3.4	283.1	292.4	3.5	102.5	3.2	255.
5.4	20.3	1535.2	825.0	-7.5	-7.5	102.0	9.8	-9.5	2.0	286.5	296.9	3.9	102.7	3.7	259.
6.2	23.4	1779.1	800.0	-3.8	-3.3	93.4	10.6	-10.6	0.6	287.5	297.3	3.6	102.5	4.2	262.
7.1	25.7	2029.5	775.0	-5.0	-5.0	90.0	10.1	-10.1	0.0	288.9	298.2	3.4	102.3	4.7	263.
7.9	28.1	2287.3	750.0	-5.7	-5.7	86.4	6.2	-6.2	-0.4	290.8	300.0	3.3	102.2	5.2	263.
8.8	30.6	2527.5	725.0	-7.7	-7.7	104.0	1.3	-1.3	0.3	291.4	299.5	2.9	98.2	5.4	263.
9.7	33.1	2825.6	700.0	-7.6	-7.4	221.4	2.7	1.8	2.0	294.2	302.6	3.0	101.3	5.3	264.
10.4	35.0	3138.1	675.0	-9.3	-9.4	209.2	3.0	1.5	2.6	295.5	303.4	2.8	99.6	5.1	265.
11.7	38.1	3398.6	650.0	-11.9	-12.2	185.7	2.5	0.2	2.5	295.8	302.4	2.3	97.8	5.1	267.
12.7	40.7	3627.8	625.0	-14.1	-14.7	181.1	2.5	0.1	2.5	296.5	302.2	2.0	95.4	5.1	269.
13.7	43.4	3806.5	600.0	-14.4	-17.2	217.5	4.4	2.7	3.5	297.4	302.2	1.6	93.1	5.0	271.
14.7	46.3	4375.4	575.0	-18.4	-19.6	239.4	6.7	5.8	3.4	298.5	302.8	1.4	90.8	4.8	273.
15.8	48.3	4655.4	550.0	-20.8	-22.2	241.9	9.1	8.0	4.3	299.5	303.1	1.2	88.4	4.3	277.
16.9	51.4	4944.7	525.0	-23.4	-25.1	237.4	10.2	6.7	5.4	300.3	303.2	0.9	86.2	3.8	283.
18.0	53.0	5352.9	500.0	-26.3	-28.2	237.8	10.6	9.0	5.7	301.0	303.3	0.7	83.5	3.4	291.
19.2	54.3	5721.7	475.0	-28.4	-31.1	241.5	12.2	10.7	5.8	302.3	304.3	0.6	80.6	3.0	304.
20.6	61.3	6136.9	450.0	-31.6	-36.2	244.7	12.3	11.1	5.3	303.5	305.1	0.5	77.0	2.6	325.
22.0	64.6	6538.0	425.0	-34.9	-38.0	245.0	11.4	10.4	4.8	304.3	305.4	0.3	72.7	2.6	347.
23.4	67.7	6948.4	400.0	-38.6	-41.0	211.1	10.8	8.7	6.5	304.7	305.5	0.2	70.6	3.0	4.
24.7	71.1	7368.1	375.0	-42.2	-44.4	235.1	13.3	12.5	6.7	305.8	305.9	99.9	99.9	3.7	15.
26.1	74.3	7810.6	350.0	-46.1	-49.3	248.3	21.2	19.4	8.5	306.6	306.9	99.9	99.9	5.0	28.
28.0	78.7	8320.1	325.0	-49.1	-52.4	247.4	32.7	30.2	12.4	309.0	309.9	99.9	99.9	5.9	43.
30.1	82.5	8843.5	300.0	-50.8	-54.2	249.0	48.0	45.0	16.7	313.8	309.9	99.9	99.9	12.9	53.
32.2	86.4	9407.7	275.0	-52.4	-56.4	251.2	52.7	49.9	17.0	318.7	309.9	99.9	99.9	19.2	59.
34.8	90.4	10021.4	250.0	-53.3	-59.9	252.8	50.7	48.4	15.0	326.9	309.9	99.9	99.9	27.0	63.
37.1	95.3	10648.3	225.0	-54.1	-61.0	250.3	47.9	45.1	16.1	335.6	309.9	99.9	99.9	34.8	65.
40.1	100.4	11454.1	200.0	-53.4	-61.0	252.2	45.1	42.9	13.8	347.6	309.9	99.9	99.9	42.6	66.
43.7	105.8	12312.3	175.0	-54.5	-61.0	247.4	44.5	41.2	16.8	360.0	309.9	99.9	99.9	51.7	67.
47.4	111.5	13242.9	150.0	-56.8	-61.0	253.3	49.1	47.5	12.5	372.2	309.9	99.9	99.9	62.7	67.
51.6	118.0	14480.4	125.0	-59.2	-61.0	255.2	45.6	44.1	11.6	387.8	309.9	99.9	99.9	73.7	68.
56.7	125.5	15835.0	100.0	-59.7	-61.0	258.1	38.79	37.9	7.8	412.5	309.9	99.9	99.9	85.1	69.
63.1	134.0	17410.2	75.0	-64.2	-61.0	256.0	42.76	41.4	10.3	438.3	309.9	99.9	99.9	98.3	70.
71.7	143.0	20437.1	50.0	-64.5	-61.0	264.4	41.68	41.4	4.1	480.7	309.9	99.9	99.9	116.6	71.
83.4	152.7	24317.5	25.0	-65.7	-61.0	268.0	38.36	36.3	1.3	508.2	309.9	99.9	99.9	141.3	74.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1115 GMT

139 79. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CATCT	WEIGHT GPM	PRFS WU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	0.4	236.0	977.7	-3.9	-5.0	340.0	3.1	1.1	-2.9	271.3	278.2	2.7	92.0	0.0	0.
0.1	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	0.4	247.0	975.0	-4.4	-5.0	320.9	2.0	1.3	-1.6	271.1	277.7	2.6	91.4	0.1	61.
0.3	0.4	461.7	950.0	-6.6	-6.6	298.0	2.5	2.2	-1.2	270.8	277.1	2.4	99.4	0.3	146.
0.4	10.4	470.3	925.0	-6.6	-6.6	320.7	5.9	3.8	-4.6	272.9	279.5	2.5	100.1	0.5	142.
0.5	13.0	446.0	900.0	-7.9	-8.1	323.2	7.1	4.2	-5.7	273.7	279.7	2.3	98.5	0.8	142.
0.6	15.2	113.1	875.0	-8.3	-8.5	318.7	6.3	4.2	-4.7	275.5	281.5	2.3	98.7	1.1	143.
0.7	17.1	1328.2	850.0	-8.6	-8.4	308.8	8.4	5.0	-4.0	277.4	283.6	2.3	98.8	1.4	140.
0.8	19.3	1549.9	825.0	-7.8	-9.0	306.4	7.1	5.7	-4.1	279.6	285.9	2.4	98.8	1.7	138.
0.9	21.3	1748.1	800.0	-7.0	-9.2	306.9	7.7	6.2	-4.6	281.8	288.2	2.4	98.5	2.1	136.
1.0	24.3	2044.2	775.0	-4.1	-9.5	307.6	7.3	5.4	-4.4	284.1	290.7	2.4	98.3	2.5	135.
1.1	26.6	2247.5	750.0	-10.4	-10.7	301.6	5.9	5.0	-3.1	285.6	291.8	2.3	97.7	2.8	136.
1.2	29.0	2534.0	725.0	-11.8	-12.3	291.5	5.7	5.3	-2.1	286.8	292.5	2.1	95.9	3.0	132.
1.3	31.6	2824.4	700.0	-13.2	-13.8	280.4	5.7	5.3	-1.0	288.1	293.4	1.9	95.5	3.3	130.
1.4	34.2	3122.9	675.0	-14.9	-15.4	269.7	6.7	6.7	0.0	289.2	294.1	1.7	95.7	3.6	127.
1.5	36.4	3387.9	650.0	-16.1	-16.6	264.8	8.6	8.6	0.0	290.9	295.5	1.6	96.4	3.9	123.
1.6	38.7	3682.1	625.0	-17.9	-18.1	266.6	11.2	11.1	0.7	292.1	296.3	1.4	96.5	4.3	119.
1.7	42.4	3946.4	600.0	-20.2	-21.1	263.7	11.8	11.0	1.3	294.8	296.3	1.2	92.6	4.9	115.
1.8	45.4	4300.5	575.0	-22.5	-24.1	262.4	11.3	11.2	1.5	293.7	296.6	0.9	86.6	5.5	111.
1.9	48.5	4625.5	550.0	-24.7	-26.5	264.0	11.5	11.4	1.2	294.8	297.2	0.8	85.3	6.1	108.
2.0	51.4	4942.4	525.0	-27.3	-28.7	262.7	11.3	11.2	1.4	295.7	297.8	0.7	87.1	6.8	105.
2.1	54.7	5312.1	500.0	-29.9	-31.2	259.9	12.3	12.1	2.2	296.6	298.4	0.6	88.5	7.5	103.
2.2	57.4	5675.7	475.0	-32.4	-33.5	259.6	13.7	13.5	2.5	297.9	299.4	0.5	88.7	8.2	101.
2.3	61.4	6044.7	450.0	-35.3	-37.9	256.4	13.3	12.9	3.1	298.9	299.9	0.3	76.6	9.1	98.
2.4	65.1	6450.0	425.0	-38.7	-41.4	257.1	12.8	12.5	2.8	297.4	300.2	0.2	75.8	9.9	96.
2.5	68.8	6862.8	400.0	-42.4	-46.9	258.1	14.5	14.2	2.9	294.9	299.9	99.9	99.9	10.8	95.
2.6	72.7	7294.1	375.0	-46.3	-50.3	256.3	15.0	14.6	3.5	300.4	299.9	99.9	99.9	11.9	93.
2.7	77.3	7749.7	350.0	-50.3	-54.3	257.1	13.3	13.0	2.9	300.9	299.9	99.9	99.9	13.0	92.
2.8	81.2	8229.3	325.0	-54.3	-58.0	261.5	13.0	12.9	1.9	301.8	299.9	99.9	99.9	14.1	91.
2.9	85.7	8740.0	300.0	-58.0	-62.0	261.7	14.5	14.3	2.2	306.4	299.9	99.9	99.9	15.3	90.
3.0	90.5	9219.4	275.0	-58.7	-62.6	262.6	16.4	16.2	2.1	310.2	299.9	99.9	99.9	16.6	89.
3.1	95.8	9648.7	250.0	-58.0	-62.6	257.5	19.8	19.3	4.2	319.8	299.9	99.9	99.9	18.4	88.
3.2	101.3	10546.4	225.0	-54.8	-62.6	250.5	25.4	24.0	8.5	333.1	299.9	99.9	99.9	20.8	87.
3.3	107.4	11311.4	200.0	-53.5	-62.6	249.2	27.5	25.7	9.8	348.0	299.9	99.9	99.9	24.4	86.
3.4	113.4	12109.1	175.0	-54.1	-62.6	248.9	25.1	23.5	9.0	360.6	299.9	99.9	99.9	28.4	82.
3.5	121.0	13139.2	150.0	-53.9	-62.6	248.2	25.6	23.8	9.5	377.3	299.9	99.9	99.9	33.0	80.
3.6	128.7	14334.9	125.0	-52.7	-62.6	240.2	26.2	22.8	13.1	399.6	299.9	99.9	99.9	38.3	78.
3.7	137.0	15747.2	100.0	-56.0	-62.6	246.7	26.2	24.0	10.4	419.5	299.9	99.9	99.9	45.2	76.
3.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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0 MV TEMP MEANS TEMPERATURE IN TIME HAVE WITH INTERPOLATION

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 445  
GREEN BAY, WIS

6 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

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TIME MIN	CHCT	HEIGHT GPM	PRFS MR	TEMP DG C	DEG PT DG C	DIR DG	SPEED M/SEC	U CURP M/SEC	V CURP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
00.0	7.5	210.0	941.4	-2.4	-3.2	260.0	5.7	5.6	1.0	272.2	280.0	3.1	97.0	0.0	0.
00.9	99.7	99.0	1000.0	94.9	94.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.2	8.1	261.0	975.0	-3.6	-4.4	327.6	6.2	6.2	-0.7	271.9	279.1	2.8	94.0	0.5	73.
1.0	10.3	466.5	950.0	-5.2	-5.6	327.6	7.3	3.9	-0.7	272.2	279.1	2.7	97.3	0.5	94.
1.7	12.3	475.9	925.0	-6.0	-6.4	308.6	9.7	7.6	-0.0	273.5	280.1	2.6	97.5	0.9	111.
2.5	14.7	499.1	900.0	-7.1	-7.4	292.6	7.7	7.1	-3.0	274.5	280.8	2.4	97.7	1.3	114.
3.3	16.9	1149.2	874.0	-8.4	-9.4	282.9	8.0	7.8	-1.9	275.3	280.8	2.1	90.0	1.6	113.
4.0	19.2	1113.8	850.0	-9.9	-11.4	275.3	7.9	7.9	-0.7	276.0	281.0	1.9	88.3	2.0	110.
4.7	21.3	1543.6	825.0	-11.6	-12.4	268.3	8.2	8.2	0.2	276.6	281.4	1.8	93.6	2.3	107.
5.6	23.9	1746.5	800.0	-13.1	-13.8	266.6	9.6	9.5	0.6	277.2	281.7	1.6	95.4	2.7	104.
6.3	26.2	2040.1	775.0	-14.5	-15.1	266.1	10.3	10.2	0.7	278.4	282.6	1.5	94.0	3.1	102.
7.1	28.7	2244.0	750.0	-15.7	-16.3	269.7	10.7	10.7	0.1	279.7	283.7	1.4	94.4	3.6	100.
8.0	31.3	2543.6	725.0	-16.0	-16.9	270.6	12.4	12.4	-0.1	282.1	285.1	1.4	95.0	4.2	99.
8.8	33.4	2406.1	700.0	-16.5	-17.4	268.2	13.7	13.7	0.4	284.3	288.3	1.4	93.0	4.9	97.
9.4	34.3	3040.9	675.0	-18.0	-19.1	267.6	14.6	14.6	0.1	285.6	289.2	1.2	91.4	5.7	96.
10.7	39.0	3742.1	650.0	-19.8	-21.1	271.5	15.3	15.3	-0.4	286.7	289.8	1.1	88.8	6.5	96.
11.6	41.0	3413.1	625.0	-20.7	-21.8	267.9	15.5	15.5	0.6	286.9	292.0	1.1	90.9	7.4	95.
12.6	44.4	4953.9	600.0	-22.9	-24.4	265.9	15.5	15.5	1.1	289.7	292.4	0.9	87.5	8.2	94.
13.4	47.1	4704.4	575.0	-24.9	-26.7	264.0	16.5	16.5	0.6	290.9	293.1	0.7	85.3	9.2	93.
14.5	50.1	4584.7	550.0	-27.2	-28.7	271.3	16.3	16.3	-0.4	291.8	293.8	0.6	93.0	10.2	93.
15.7	53.1	4920.5	525.0	-29.4	-31.7	271.7	16.8	16.8	-0.5	293.1	294.7	0.5	80.0	11.3	93.
16.8	56.1	5106.7	500.0	-32.4	-37.5	270.4	17.4	17.4	-0.1	293.5	294.5	0.3	59.7	12.5	93.
18.0	59.1	5026.8	475.0	-34.8	-42.2	269.1	17.6	17.6	0.3	294.9	295.5	0.2	46.5	13.7	92.
19.2	62.6	6061.4	450.0	-37.4	-48.6	268.1	18.9	18.9	0.6	295.5	296.1	0.2	49.4	15.0	92.
20.7	65.1	4313.0	425.0	-41.1	-49.7	265.7	19.6	19.6	1.5	296.4	299.9	99.9	99.9	16.6	91.
22.0	69.3	6402.1	400.0	-44.5	-50.9	265.7	21.0	20.9	1.6	297.2	299.9	99.9	99.9	18.3	91.
23.4	72.7	7230.9	375.0	-48.1	-50.9	263.6	19.4	19.5	2.2	297.9	299.9	99.9	99.9	20.0	90.
24.3	74.6	7642.0	350.0	-52.0	-50.9	263.4	19.9	19.7	2.3	298.6	299.9	99.9	99.9	21.8	90.
24.5	80.1	9157.5	325.0	-55.9	-50.9	262.1	18.8	18.6	2.6	299.6	299.9	99.9	99.9	23.6	89.
28.4	84.3	4661.5	300.0	-60.1	-59.9	256.0	18.5	18.0	4.5	300.7	299.9	99.9	99.9	25.7	88.
30.3	88.2	4204.4	275.0	-59.7	-59.9	252.7	21.0	20.0	6.2	308.8	299.9	99.9	99.9	27.9	87.
32.1	92.3	4401.2	250.0	-59.2	-59.3	258.2	17.2	16.1	3.5	318.1	299.9	99.9	99.9	30.2	86.
34.6	97.4	1942.9	225.0	-58.3	-59.9	264.6	19.3	19.2	1.8	332.2	299.9	99.9	99.9	32.8	86.
37.6	102.4	11220.5	200.0	-55.4	-59.9	265.7	17.0	17.0	1.2	345.1	299.9	99.9	99.9	35.9	86.
40.3	108.3	12074.2	175.0	-53.5	-59.9	265.9	17.0	16.4	1.2	361.6	299.9	99.9	99.9	38.8	86.
43.4	113.6	11047.6	150.0	-52.6	-59.9	262.9	17.5	17.3	2.2	379.1	299.9	99.9	99.9	42.3	86.
47.5	120.3	14737.4	125.0	-54.3	-59.9	265.6	16.7	16.7	1.3	398.7	299.9	99.9	99.9	46.3	86.
52.2	127.7	14666.4	100.0	-55.8	-59.9	259.4	19.0	18.7	3.4	419.9	299.9	99.9	99.9	51.4	85.
58.4	135.9	12447.6	75.0	-17.8	-59.9	264.9	17.6	17.6	1.6	451.8	299.9	99.9	99.9	58.4	85.
64.0	144.3	20001.5	50.0	-61.6	-59.9	264.9	21.6	21.7	1.9	499.9	299.9	99.9	99.9	67.6	86.
78.5	152.7	24215.7	25.0	-67.1	-59.9	276.5	27.7	27.6	-3.1	592.2	299.9	99.9	99.9	85.6	86.

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00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MURKIN. S D6 FEBRUARY 1975  
1115 GMT

TIME MIN	CMCT	HEIGHT GFM	WTS MG	TEMP DG C	QFM PT NG C	DIR DG	SPLD M/SFC	U COMP M/SEC	V CCAP M/SFC	PUT T DG K	E POT T DG K	MX WTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	307.0	975.5	-19.4	-27.1	200.0	6.7	6.3	-2.3	245.6	256.7	0.4	50.0	0.0	0.
0.3	90.3	49.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	7.9	396.6	975.0	-19.5	-26.3	301.3	9.6	8.2	-5.0	255.5	256.7	0.5	55.0	0.1	48.
0.7	10.1	549.1	950.0	-20.2	-24.0	313.4	14.7	10.6	-10.2	256.8	258.2	0.5	67.5	0.5	120.
1.4	17.2	767.9	925.0	-17.7	-24.1	327.1	15.1	8.2	-12.7	261.3	262.9	0.6	57.7	1.1	132.
2.0	16.5	946.3	930.0	-15.7	-30.2	330.0	16.7	8.3	-14.5	265.4	266.4	0.3	27.6	1.7	139.
2.6	16.5	1236.5	875.0	-16.4	-31.7	327.7	14.8	7.9	-12.5	266.8	267.7	0.3	25.0	2.3	142.
3.1	18.4	1624.1	850.0	-17.3	-32.9	324.4	13.2	7.7	-10.6	268.1	268.9	0.3	24.0	2.8	143.
4.1	21.0	1647.4	825.0	-18.4	-36.4	318.7	12.2	8.0	-9.2	269.2	269.8	0.2	18.7	3.4	142.
4.8	23.5	1875.8	800.0	-19.4	-37.3	317.3	15.2	10.3	-11.2	270.5	271.1	0.2	18.5	4.0	142.
5.6	23.7	2112.2	775.0	-20.5	-37.3	317.3	16.7	11.3	-12.3	271.7	272.3	0.2	19.7	4.7	141.
6.1	26.1	2346.8	750.0	-20.4	-39.2	313.8	16.0	11.5	-11.1	274.4	274.9	0.2	16.7	5.5	140.
7.2	30.7	2606.7	725.0	-14.7	-45.5	309.1	17.9	13.8	-11.3	278.9	279.2	0.1	7.6	6.3	138.
8.0	33.2	2864.9	700.0	-1.8	-44.3	307.4	19.6	15.4	-11.9	282.8	283.1	0.1	7.7	7.2	138.
8.3	35.4	3143.1	675.0	-19.4	-34.4	307.8	19.6	15.5	-12.0	284.0	284.9	0.3	25.0	8.3	136.
9.4	38.3	3420.5	650.0	-19.4	-24.1	307.3	18.0	14.9	-11.4	286.5	289.0	0.0	68.9	9.3	135.
10.7	40.4	3711.0	625.0	-20.4	-25.1	303.3	18.1	15.1	-10.1	288.7	291.1	0.8	68.2	10.3	135.
11.7	43.7	4012.0	600.0	-22.8	-26.9	301.1	19.2	16.4	-9.9	289.8	291.9	0.7	68.6	11.3	133.
12.7	46.5	4322.8	575.0	-25.2	-28.1	306.6	19.6	15.7	-11.7	290.5	292.5	0.7	76.5	12.5	132.
13.7	43.5	4644.2	550.0	-27.4	-24.9	309.7	18.2	14.0	-11.6	291.6	293.3	0.6	79.1	13.7	132.
14.4	52.1	4978.5	525.0	-28.4	-31.7	312.7	18.1	13.3	-12.2	294.3	295.9	0.5	73.0	14.9	132.
15.5	58.1	5320.7	500.0	-31.1	-35.0	316.1	14.1	13.2	-12.8	295.1	296.3	0.4	68.6	16.3	132.
16.8	61.6	5605.4	475.0	-33.5	-37.4	313.4	19.5	11.9	-11.4	296.5	297.5	0.3	67.7	17.7	132.
17.5	64.3	5880.4	450.0	-36.7	-40.4	312.3	19.3	16.3	-13.0	297.1	298.0	0.2	68.1	19.1	132.
18.9	65.3	6165.6	425.0	-40.0	-45.3	310.1	17.8	13.6	-11.5	298.7	299.3	0.2	58.2	20.7	132.
20.9	68.3	6450.4	400.0	-43.1	-49.4	310.6	17.7	13.5	-11.5	298.7	299.9	99.9	999.9	22.4	132.
21.5	71.7	6731.2	375.0	-47.5	-49.4	318.3	19.7	13.1	-14.8	300.1	300.9	99.9	999.9	24.2	132.
22.7	75.4	7016.4	350.0	-49.5	-49.0	324.5	22.2	12.9	-18.1	302.0	303.2	99.9	999.9	26.3	133.
24.9	79.3	7307.4	325.0	-53.3	-49.4	321.9	22.5	13.4	-17.7	303.2	304.9	99.9	999.9	28.7	134.
26.7	83.1	7598.4	300.0	-56.8	-49.4	318.7	27.7	14.3	-20.8	305.6	306.9	99.9	999.9	31.4	134.
30.4	87.4	8237.7	275.0	-58.8	-49.9	320.0	27.7	17.8	-21.2	310.1	310.9	99.9	999.9	34.0	135.
32.7	92.0	8628.0	250.0	-57.0	-49.9	319.4	27.0	17.5	-20.5	311.4	311.9	99.9	999.9	37.0	135.
34.7	96.6	8927.4	225.0	-57.2	-49.9	323.2	25.0	15.1	-20.5	313.8	314.9	99.9	999.9	40.5	136.
36.1	101.6	9111.0	200.0	-53.9	-49.9	313.2	19.4	16.1	-13.2	317.4	317.9	99.9	999.9	43.1	136.
39.6	107.1	12171.6	175.0	-52.2	-49.9	311.0	23.3	17.5	-15.3	323.8	323.9	99.9	999.9	47.1	135.
43.1	113.3	13163.3	150.0	-51.3	-49.9	318.7	19.2	12.7	-14.4	328.2	328.8	99.9	999.9	51.0	136.
47.6	120.0	14162.8	125.0	-56.7	-49.9	313.4	20.5	14.9	-14.1	335.4	335.9	99.9	999.9	56.9	135.
52.5	127.7	15274.4	100.0	-55.6	-49.9	309.1	18.2	14.1	-11.4	420.4	420.9	99.9	999.9	62.1	135.
58.1	146.0	17600.2	75.0	-55.7	-49.9	314.3	16.3	13.7	-11.4	456.2	456.9	99.9	999.9	68.0	136.
63.0	144.7	20161.3	50.0	-50.8	-49.9	303.9	23.1	19.2	-12.9	500.2	500.9	99.9	999.9	77.7	136.
69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 PV TEMP MEANS TEMPERATURE ON TIME WAVE MEAN INTERPOLATED  
 00 PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CHCT	WEIGHT GPM	PHES MM	TEMP DG C	DEW PT DG C	U14 MC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.1	110.0	900.0	-10.2	-22.9	310.0	5.7	0.4	-3.7	250.5	250.1	0.6	79.0	0.0	0.
0.0	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	6.1	370.0	925.0	-20.2	-23.4	299.1	6.7	7.6	-6.2	250.4	250.4	0.6	75.2	0.2	0.
0.6	6.1	500.1	950.0	-20.6	-23.0	305.1	11.0	9.0	-6.4	250.4	250.2	0.7	80.2	0.5	113.
1.0	11.7	700.1	925.0	-21.4	-23.2	300.1	13.2	7.5	-13.2	257.1	250.8	0.6	80.6	1.1	127.
2.3	13.3	900.0	900.0	-20.3	-22.6	320.7	17.9	9.0	-15.3	260.6	262.4	0.7	80.5	1.7	137.
3.0	15.5	1150.7	925.0	-18.6	-18.7	320.5	20.2	12.4	-15.6	260.6	260.3	1.0	91.6	2.6	140.
3.6	17.7	1100.1	950.0	-16.4	-16.6	312.2	18.4	13.6	-12.4	260.2	272.4	1.2	97.6	3.5	139.
4.7	20.2	1601.9	825.0	-14.8	-18.6	307.8	18.5	14.7	-11.3	273.1	278.0	1.1	72.9	4.4	137.
5.5	22.6	1816.5	800.0	-15.6	-31.1	306.1	20.1	16.2	-11.0	275.5	275.6	0.4	25.0	5.3	135.
6.2	24.3	2071.3	775.0	-15.6	-31.0	306.0	21.6	17.9	-12.1	275.8	276.9	0.4	27.8	6.3	136.
7.2	27.2	2310.4	750.0	-17.6	-31.6	293.4	19.0	17.2	-8.2	277.5	278.6	0.4	28.1	7.4	132.
7.9	29.9	2573.1	725.0	-18.1	-27.9	289.6	17.4	16.4	-5.8	279.6	281.2	0.5	41.7	8.2	130.
8.5	32.4	2938.1	700.0	-20.5	-26.2	287.4	16.8	16.0	-5.0	279.9	281.4	0.5	49.7	9.1	127.
9.7	34.1	3107.0	675.0	-22.4	-25.6	287.4	14.2	17.4	-5.6	280.2	282.2	0.7	77.7	9.9	126.
10.6	37.7	3379.1	650.0	-23.1	-24.0	289.1	18.8	17.7	-6.2	283.0	285.4	0.8	92.1	10.9	124.
11.6	40.3	3600.9	625.0	-27.9	-24.2	289.1	20.1	18.9	-6.0	285.3	286.8	0.9	89.6	12.0	123.
12.6	43.3	3800.2	600.0	-24.7	-25.7	286.5	21.8	22.9	-6.2	287.6	289.9	0.6	91.1	13.2	121.
13.6	46.1	4278.0	575.0	-24.5	-26.2	280.7	21.2	22.0	-7.4	289.0	290.9	0.6	85.1	14.5	120.
14.7	48.4	4540.0	550.0	-26.4	-31.3	282.8	20.8	19.2	-8.1	290.4	291.9	0.5	75.0	16.0	119.
15.9	52.4	4776.6	525.0	-29.9	-33.6	297.4	19.1	16.9	-8.0	292.5	293.8	0.4	70.2	17.4	119.
17.0	55.3	5777.9	500.0	-32.3	-35.2	296.2	19.5	17.5	-8.6	293.7	294.9	0.4	75.0	19.7	119.
18.1	58.4	5617.7	475.0	-35.1	-37.9	292.4	21.0	18.7	-9.7	294.5	295.4	0.3	75.3	20.2	119.
19.4	62.3	6037.9	450.0	-37.7	-40.5	290.4	27.0	19.3	-10.4	295.8	296.6	0.2	74.7	21.7	119.
20.6	64.1	6300.4	425.0	-40.5	-40.5	290.3	27.1	19.8	-9.4	297.1	298.9	0.9	99.9	23.5	118.
22.2	69.4	6879.2	400.0	-43.0	-43.0	300.4	19.1	16.4	-9.7	298.4	299.9	0.9	99.9	25.2	118.
23.6	73.1	7200.6	375.0	-47.1	-47.1	290.3	19.6	17.4	-6.4	299.3	299.9	0.9	99.9	27.0	118.
24.9	77.1	7603.5	350.0	-41.0	-49.4	280.5	19.5	18.7	-5.5	300.0	300.9	0.9	99.9	28.9	118.
27.3	81.4	9177.2	325.0	-58.2	-58.2	278.5	18.9	18.7	-2.9	300.6	300.9	0.9	99.9	30.9	117.
29.1	85.4	8679.5	300.0	-56.6	-59.9	288.3	18.8	17.4	-5.9	305.6	309.9	0.9	99.9	33.1	116.
30.9	90.3	9227.0	275.0	-60.0	-60.0	280.5	21.1	20.3	-6.0	308.3	309.9	0.9	99.9	35.1	115.
32.6	95.1	9670.0	250.0	-60.1	-60.1	282.2	21.2	20.3	-6.0	310.7	309.9	0.9	99.9	37.5	115.
35.4	100.1	10480.0	225.0	-63.5	-63.5	293.2	15.6	14.5	-6.2	330.5	330.5	0.9	99.9	41.1	115.
38.7	106.3	11263.5	200.0	-56.4	-59.9	291.3	15.5	14.4	-5.6	340.6	340.6	0.9	99.9	43.2	114.
41.4	113.0	12101.5	175.0	-52.1	-52.1	290.1	15.9	14.1	-7.5	363.9	363.9	0.9	99.9	46.8	114.
43.0	120.3	13008.1	150.0	-53.0	-53.0	300.8	18.0	12.1	-7.2	378.7	380.9	0.9	99.9	50.3	113.
45.1	127.7	14265.7	125.0	-54.6	-54.6	290.1	19.5	17.2	-9.2	390.2	390.9	0.9	99.9	54.0	113.
48.3	136.3	15690.4	100.0	-56.2	-56.2	288.8	18.1	12.4	-6.0	416.1	416.1	0.9	99.9	58.7	113.
50.4	144.7	17512.1	75.0	-58.1	-59.9	280.8	18.9	13.1	-7.6	431.2	431.2	0.9	99.9	63.8	116.
52.4	154.0	20041.2	50.0	-62.6	-62.6	280.7	15.9	13.7	-4.6	450.9	450.9	0.9	99.9	72.4	116.
54.8	163.0	24212.3	25.0	-65.	-65.	280.9	99.9	99.9	99.9	583.7	583.7	0.9	99.9	99.9	99.9

0 BY SPEED MEAN. ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS. TEMPERATURE (OR TEMP) HAVE BEEN INTERPOLATED  
00 BY SPEED MEAN. ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 602  
RAPID CITY, S D  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CIMP M/SEC	V CIMP M/SEC	PUT T DEG K	E POT T DEG K	HI RTO CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	13.7	966.0	910.3	-22.2	-27.4	360.0	2.1	0.0	-2.1	257.8	259.8	0.4	68.8	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	16.7	1050.9	900.0	-16.9	-23.7	308.3	2.6	2.1	-1.6	264.2	265.9	0.6	55.2	0.0	128.
05.9	18.6	1263.1	875.0	-15.5	-23.9	309.7	3.2	2.4	-2.0	267.7	269.5	0.6	48.5	0.1	127.
06.9	19.2	1442.5	850.0	-14.7	-24.3	325.0	13.3	7.6	-10.9	277.8	272.6	0.6	43.4	0.5	138.
07.9	21.5	1738.4	825.0	-15.4	-25.3	327.7	9.6	5.1	-8.1	272.4	274.1	0.6	42.0	1.2	123.
08.9	24.0	1980.4	800.0	-16.3	-25.7	326.6	11.6	11.6	-17.7	273.8	275.5	0.6	44.1	1.6	144.
09.9	26.3	2179.0	775.0	-16.7	-33.8	326.9	19.4	10.6	-16.3	275.9	276.7	0.3	21.8	2.7	143.
10.9	28.9	2425.6	750.0	-16.0	-36.9	324.8	18.2	10.5	-14.9	279.3	279.9	0.2	14.5	3.5	153.
11.9	31.5	2681.7	725.0	-15.9	-33.5	324.8	18.6	10.7	-15.2	282.0	283.0	0.3	20.4	4.4	145.
12.9	34.1	2944.9	700.0	-16.7	-28.5	324.5	20.2	11.7	-16.4	284.0	285.3	0.5	35.3	5.3	145.
13.9	36.6	3177.8	675.0	-17.9	-25.0	321.5	22.7	13.5	-18.3	285.7	287.9	0.7	53.3	6.5	145.
14.9	39.4	3499.5	650.0	-19.1	-21.4	322.7	23.8	14.4	-18.9	287.5	290.5	1.1	81.7	7.8	145.
15.9	42.9	3740.6	625.0	-20.5	-22.4	323.5	24.6	14.6	-19.6	289.1	292.0	1.0	81.2	9.0	144.
16.9	45.9	4002.1	600.0	-21.8	-24.2	325.3	25.5	14.5	-21.0	291.0	293.7	0.9	80.3	10.3	144.
17.9	48.6	4268.8	575.0	-23.1	-25.6	322.6	23.7	14.4	-18.6	293.0	295.5	0.8	79.9	11.8	145.
18.9	51.9	4539.5	550.0	-24.9	-27.5	320.0	25.0	16.7	-19.9	294.6	296.8	0.7	78.7	13.4	144.
19.9	54.6	4814.1	525.0	-27.1	-30.6	318.1	25.6	17.1	-19.0	295.9	297.7	0.6	71.8	15.0	144.
20.9	57.9	5092.7	500.0	-30.2	-33.9	317.6	25.8	17.4	-19.0	296.2	297.6	0.4	70.6	16.7	143.
21.9	60.3	5378.7	475.0	-33.3	-37.6	318.7	25.5	16.9	-15.2	296.7	297.8	0.3	66.2	18.4	142.
22.9	63.1	5657.7	450.0	-34.9	-40.2	316.3	22.6	15.6	-16.4	299.3	300.2	0.3	58.1	20.1	142.
23.9	65.6	5944.1	425.0	-37.7	-42.0	317.7	21.9	14.7	-18.5	300.1	301.5	0.2	63.3	21.4	142.
24.9	68.1	6234.5	400.0	-40.4	-49.9	316.2	24.3	9.8	-22.2	302.5	304.9	0.9	99.9	23.8	143.
25.9	70.1	6524.1	375.0	-46.4	-49.9	315.1	26.6	12.0	-26.0	302.8	304.9	0.9	99.9	25.4	144.
26.9	72.7	6814.5	350.0	-48.0	-49.9	314.4	27.9	12.1	-25.1	304.1	304.9	0.9	99.9	27.6	145.
27.9	75.3	7104.9	325.0	-50.8	-49.9	314.9	24.5	10.4	-22.2	304.1	304.9	0.9	99.9	29.7	145.
28.9	77.9	7395.3	300.0	-54.3	-49.9	316.2	24.2	11.1	-26.7	304.8	304.9	0.9	99.9	32.2	146.
29.9	80.5	7685.7	275.0	-58.3	-49.9	314.6	30.6	13.1	-27.7	310.9	304.9	0.9	99.9	35.3	147.
30.9	83.1	7976.1	250.0	-59.0	-49.9	317.0	31.7	17.3	-26.6	318.4	304.9	0.9	99.9	38.4	148.
31.9	85.6	8266.5	225.0	-62.0	-49.9	315.4	31.2	17.7	-25.7	323.5	304.9	0.9	99.9	41.3	147.
32.9	88.1	8556.9	200.0	-52.7	-49.9	314.7	30.6	17.6	-25.0	329.6	304.9	0.9	99.9	44.6	147.
33.9	90.6	8847.3	175.0	-52.7	-49.9	310.4	18.8	14.4	-12.2	363.0	304.9	0.9	99.9	47.6	147.
34.9	93.1	9137.7	150.0	-56.2	-49.9	315.0	25.3	17.9	-17.9	393.2	304.9	0.9	99.9	51.2	148.
35.9	95.6	9428.1	125.0	-55.9	-49.9	320.7	25.3	16.0	-14.6	393.9	304.9	0.9	99.9	54.3	145.
36.9	98.1	9718.5	100.0	-57.1	-49.9	324.7	22.8	13.2	-18.6	419.4	304.9	0.9	99.9	57.5	145.
37.9	100.6	10008.9	75.0	-57.2	-49.9	304.4	24.3	18.8	-15.4	452.9	304.9	0.9	99.9	60.3	143.
38.9	103.1	10299.3	50.0	-59.9	-49.9	304.4	24.3	18.8	-15.4	452.9	304.9	0.9	99.9	63.5	143.
39.9	105.6	10589.7	25.0	-62.0	-49.9	304.4	24.3	18.8	-15.4	452.9	304.9	0.9	99.9	66.7	143.
40.9	108.1	10880.1	0.0	-64.0	-49.9	304.4	24.3	18.8	-15.4	452.9	304.9	0.9	99.9	69.9	143.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 12 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0 BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 1100'  
MARSHALL SPACE FLIGHT CENTER  
6 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MM	TEMP DS C	DEW PT DS C	DIR DG	SPEED M/S	U COMP M/S	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	190.0	992.4	5.4	3.3	300.0	0.5	0.4	-0.2	279.8	292.3	.9	86.0	0.0	0.
00.9	99.9	43.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.3	324.5	975.0	4.5	2.2	307.8	8.1	6.4	-5.0	280.3	292.2	4.6	85.1	0.2	121.
1.3	10.1	535.6	950.0	2.6	1.3	305.8	8.2	6.7	-4.7	280.4	291.9	4.4	91.2	0.6	125.
2.2	12.0	750.6	925.0	0.4	-0.7	293.4	8.4	7.6	-3.4	280.2	290.8	4.1	96.0	1.0	123.
3.0	14.1	970.5	900.0	0.1	-0.7	272.0	11.0	11.0	-0.4	282.2	293.2	4.2	97.9	1.5	117.
3.9	16.3	1137.2	875.0	1.3	-3.4	265.4	14.0	13.9	1.1	285.6	294.4	3.3	68.5	2.1	108.
4.7	18.5	1430.0	850.0	-0.2	-2.0	254.2	16.4	15.7	4.5	286.4	296.9	3.9	88.3	2.7	101.
5.7	20.8	1668.7	825.0	-1.3	-8.1	249.0	15.9	15.8	5.7	287.6	296.5	2.5	59.6	3.6	93.
6.4	23.0	1913.7	800.0	-1.7	-9.4	256.7	18.7	18.1	4.4	289.4	296.0	2.4	56.7	4.5	89.
7.5	25.3	2165.4	775.0	-4.1	-10.1	257.4	19.2	18.7	4.2	289.7	296.1	2.3	62.9	5.5	86.
8.6	27.6	2411.0	750.0	-6.3	-11.1	259.1	19.4	19.4	3.7	290.0	296.2	2.2	68.3	6.7	85.
9.7	30.2	2656.0	725.0	-7.6	-15.7	256.0	21.7	21.1	5.3	291.3	295.7	1.5	51.4	8.1	85.
10.4	32.8	2960.3	700.0	-8.5	-18.8	253.0	22.4	21.4	6.6	293.2	296.8	1.2	43.1	9.5	82.
11.9	35.3	3241.5	675.0	-10.3	-20.6	255.3	22.4	21.7	5.7	294.2	297.5	1.1	42.6	11.0	81.
13.1	37.3	3511.4	650.0	-12.0	-20.9	260.6	21.9	21.6	3.6	295.5	298.9	1.1	47.4	12.6	81.
14.4	40.5	3730.4	625.0	-14.0	-23.3	261.6	24.3	23.1	3.6	296.5	299.3	0.9	45.1	14.4	81.
15.7	43.2	4133.9	600.0	-16.7	-24.6	262.0	26.8	26.5	3.7	296.9	299.6	0.9	50.0	16.3	81.
16.8	46.1	4457.5	575.0	-18.6	-25.9	261.5	29.4	29.1	4.3	298.2	300.7	0.8	52.7	18.1	81.
17.9	49.1	4787.8	550.0	-20.6	-24.7	258.9	34.2	33.6	6.6	299.8	302.7	0.9	69.4	20.2	81.
19.2	52.0	5131.0	525.0	-22.2	-23.7	249.4	42.5	41.8	14.4	301.9	305.2	1.1	87.6	23.2	80.
20.5	55.1	5449.1	500.0	-23.1	-33.8	247.7	47.2	43.6	17.9	304.9	306.3	0.4	36.7	25.7	78.
21.9	58.3	5865.2	475.0	-23.8	-34.9	254.3	54.2	46.9	16.1	308.5	309.9	0.4	34.9	30.7	77.
23.1	61.6	6154.7	450.0	-25.7	-33.1	254.9	57.8	55.8	15.0	311.0	312.7	0.5	48.4	35.9	77.
24.7	65.1	6670.2	425.0	-29.1	-33.8	252.1	57.7	55.0	17.7	311.8	313.5	0.5	63.1	40.5	77.
26.2	68.7	7101.1	400.0	-32.4	-38.9	251.6	47.4	46.2	13.4	312.9	314.0	0.3	52.1	45.9	76.
27.9	72.3	7552.5	375.0	-36.5	-43.7	252.6	54.1	51.6	16.2	313.2	313.9	0.2	46.8	49.4	76.
29.5	76.3	8027.1	350.0	-40.9	99.9	252.5	87.1	83.0	26.2	314.7	999.9	99.9	999.9	56.8	75.
31.4	80.4	8528.5	325.0	-44.5	99.9	249.9	85.7	80.5	29.4	315.4	999.9	99.9	999.9	67.0	75.
33.2	84.7	9058.6	300.0	-49.5	99.9	247.0	66.2	60.9	25.9	315.6	999.9	99.9	999.9	75.4	74.
35.2	89.2	9622.3	275.0	-54.5	99.9	212.1	30.3	23.9	18.6	316.4	999.9	99.9	999.9	79.6	73.
37.3	94.2	10226.6	250.0	-58.1	99.9	243.7	28.6	25.7	12.7	319.6	999.9	99.9	999.9	84.5	73.
39.6	99.5	10837.6	225.0	-59.0	99.9	250.2	56.2	52.9	19.1	328.0	999.9	99.9	999.9	87.6	72.
42.0	105.0	11632.5	200.0	-55.2	99.9	240.7	75.0	65.5	36.7	345.4	999.9	99.9	999.9	95.5	72.
44.9	111.1	12444.6	175.0	-55.8	99.9	250.7	63.1	59.5	20.9	357.9	999.9	99.9	999.9	109.9	71.
48.2	116.3	13455.5	150.0	-57.1	99.9	256.5	45.3	43.1	10.6	371.8	999.9	99.9	999.9	123.1	71.
51.8	120.0	14610.9	125.0	-61.6	99.9	237.0	34.9	25.3	19.0	383.4	999.9	99.9	999.9	134.7	71.
56.0	135.0	15900.2	100.0	-59.9	99.9	250.6	14.5	13.7	4.8	411.9	999.9	99.9	999.9	144.2	70.
51.7	140.5	17767.9	75.0	-63.2	99.9	155.1	1.5	0.6	1.3	480.4	999.9	99.9	999.9	146.7	70.
70.0	155.5	20269.7	50.0	-65.2	99.9	251.7	68.3	68.8	21.4	489.9	999.9	99.9	999.9	155.3	71.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

1 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

2 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

6 February 1975

1500 GMT

STATION NO. 208  
CHARLESTON, SC6 FEBRUARY 1975  
1430 GMT

TIME MIN	CNCT	HEIGHT GPM	PRFS MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U CLMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	ANGE IN	AZ DG
0-0	5-0	13-0	1011.9	11.9	9.3	230-0	3.1	2.4	2.0	287.1	306.7	7.6	77.0	0-0	0
0-3	5-7	113-0	1000.0	13.6	9.3	236-2	6.8	5.6	3.8	287.7	306.8	7.4	75.2	0-1	25
0-9	7-7	326.4	975.0	13.3	7.0	246.5	7.2	6.6	2.9	289.4	306.4	6.5	65.3	0-4	43
1-7	9-7	544.3	950.0	12.2	7.1	257.9	7.2	7.1	1.5	290.1	308.3	6.8	72.0	0-7	59
2-3	11-5	758.0	925.0	10.3	7.5	257.3	7.2	7.0	1.6	290.8	309.4	7.1	83.1	0-9	64
3-2	13-7	958.0	900.0	9.3	7.4	246.3	6.7	7.9	3.5	292.1	311.2	7.2	87.9	1-3	67
3-9	15-6	1229.8	875.0	8.3	7.5	243.6	14.6	17.1	6.5	293.4	313.2	7.5	94.9	1-8	66
4-7	17-7	1409.7	850.0	8.2	6.1	245.9	14.9	14.1	8.1	295.6	314.5	7.0	87.0	2-6	66
5-5	19-9	1716.0	825.0	7.1	-0.3	248.6	20.8	19.4	7.6	296.7	309.3	4.6	59.6	3-8	66
6-4	21-3	1969.0	800.0	7.2	-21.5	251.2	20.7	19.6	6.7	298.9	301.6	0.9	10.8	4-7	67
7-2	23-1	2229.5	775.0	6.4	-20.1	253.1	21.3	20.4	6.2	300.8	304.0	1.0	13.3	5-8	68
8-2	24-3	2477.4	750.0	4.4	-11.2	254.8	23.7	22.8	6.2	301.6	308.0	2.2	31.0	7-0	69
9-1	24-5	2772.6	725.0	3.0	-16.2	251.8	24.8	23.6	7.8	302.9	307.5	1.5	22.9	8-5	70
10-1	31-1	3055.7	700.0	1.0	-22.1	246.3	25.8	23.6	10.4	303.7	306.7	0.9	15.8	9-9	70
11-1	33-7	3347.1	675.0	-0.9	-20.1	245.4	28.3	25.7	11.8	304.8	308.3	1.1	21.5	11-5	69
12-1	35-9	3646.9	650.0	-3.4	-22.0	247.7	30.4	28.2	11.5	305.2	308.4	1.0	22.0	13-2	69
13-1	38-5	3955.5	625.0	-5.9	-14.0	249.4	32.7	30.6	11.5	306.0	312.3	2.1	52.8	15-2	69
14-1	41-3	4274.0	600.0	-8.4	-13.8	249.6	35.4	33.2	12.3	306.6	313.2	2.2	65.3	17-2	69
15-2	43-3	4622.7	575.0	-11.0	-18.6	250.8	35.6	33.6	11.7	307.3	312.1	1.6	53.9	19-6	69
16-5	46-6	4943.0	550.0	-12.8	-21.1	252.7	35.4	33.8	10.5	309.0	313.0	1.3	49.6	22-4	69
17-4	49-6	5246.9	525.0	-14.5	-24.1	248.3	36.3	33.7	13.4	311.0	314.4	1.0	43.9	25-1	70
19-0	52-4	5625.3	500.0	-16.4	-25.3	248.3	37.5	34.8	13.9	313.1	316.1	0.9	43.4	27-8	69
20-4	55-4	6049.8	475.0	-18.4	-27.4	248.7	39.2	36.5	14.1	315.2	317.9	0.8	42.8	31-0	69
21-8	58-5	6451.1	450.0	-21.2	-31.9	246.4	35.9	38.9	14.4	316.5	318.5	0.6	37.2	34-1	69
21-2	61-7	6870.4	425.0	-24.4	-35.2	246.8	41.5	40.0	17.1	317.7	319.2	0.4	35.7	37-8	69
24-8	65-3	7409.4	400.0	-27.8	-38.3	249.7	46.1	43.1	16.4	318.8	320.1	0.3	35.6	41-5	69
26-4	68-9	7749.5	375.0	-31.7	-41.8	250.8	47.9	45.2	15.7	319.8	320.5	0.3	35.6	46-6	69
28-1	72-4	8223.9	350.0	-35.8	-45.6	247.7	49.2	45.5	18.7	320.4	321.1	0.2	35.5	51-0	69
30-0	76-5	8764.1	325.0	-40.2	99.9	246.3	51.0	46.7	20.5	321.2	321.1	0.2	35.5	56-7	69
32-0	80-6	9105.0	300.0	-44.7	99.9	242.6	39.0	35.2	18.2	322.4	322.4	99.9	99.9	61-9	68
34-1	85-7	9531.6	275.0	-49.0	99.9	246.1	46.4	47.4	18.8	324.3	324.3	99.9	99.9	68-3	68
36-5	89-6	10531.0	250.0	-51.1	99.9	246.2	48.8	44.3	19.6	327.2	327.2	99.9	99.9	74-5	68
38-9	94-3	11175.7	225.0	-56.4	99.9	241.9	51.0	45.5	24.3	332.1	332.1	99.9	99.9	82-7	68
41-3	100-2	11918.1	200.0	-57.9	99.9	241.8	70.3	62.0	33.2	341.0	341.0	99.9	99.9	90-1	67
44-5	106-3	12717.1	175.0	-55.3	99.9	242.3	62.6	55.4	29.1	358.7	358.7	99.9	99.9	102-2	66
47-9	112-8	13742.0	150.0	-54.0	99.9	242.5	69.8	61.9	32.3	368.4	368.4	99.9	99.9	116-3	66
51-9	120-1	14765.5	125.0	-62.5	99.9	247.8	59.9	55.4	22.7	381.9	381.9	99.9	99.9	130-9	66
56-8	129.0	16242.9	100.0	-66.4	99.9	242.1	27.1	24.0	12.7	399.5	399.5	99.9	99.9	142-2	66
62-7	138.7	17979.3	75.0	-65.0	99.9	16.3	6.7	-1.9	-6.4	436.6	436.6	99.9	99.9	164-4	65
70-7	149.7	20445.3	50.0	-65.3	99.9	246.6	51.0	47.2	20.5	489.0	489.0	99.9	99.9	171-9	65
82-5	160.0	24741.4	25.0	-59.0	99.9	246.6	17.3	-12.2	-12.3	615.0	615.0	99.9	99.9	184-2	66

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA6 FEBRUARY 1975  
1430 GMT

TIME MIN	CNTCT	HEIGHT GPM	PHES MH	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	PWT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	4.7	9.0	1014.1	22.5	19.5	195.0	4.1	1.1	4.0	296.4	333.4	14.2	83.0	0.0	0.
0.5	5.7	130.0	1000.0	21.1	19.2	210.0	6.9	3.5	6.0	296.2	333.2	14.2	89.1	0.2	12.
1.3	7.3	142.2	975.0	19.2	18.2	227.6	8.9	6.6	6.0	296.3	331.6	13.6	94.0	0.5	29.
2.1	10.1	571.0	950.0	18.5	13.9	235.7	11.7	9.6	6.7	297.3	325.5	10.6	74.9	1.0	41.
2.9	12.2	601.9	925.0	17.1	13.2	238.4	9.5	8.0	5.0	298.2	325.9	10.4	78.2	1.5	47.
3.7	14.5	1015.6	900.0	15.6	12.4	231.7	9.1	7.4	5.4	299.0	326.9	10.4	83.8	1.9	50.
4.5	16.3	1274.7	875.0	13.9	12.1	225.9	8.2	5.9	5.7	299.6	327.1	10.2	88.8	2.3	50.
5.4	18.9	1517.1	850.0	12.5	10.8	227.2	8.2	6.0	4.6	300.5	326.5	9.6	89.3	2.7	49.
6.3	21.2	1769.6	825.0	11.0	8.5	236.2	7.7	6.4	4.3	301.4	324.5	8.5	84.1	3.2	49.
7.3	23.7	2026.2	800.0	9.2	6.4	239.1	8.7	7.4	4.6	302.0	322.8	7.6	82.3	3.7	51.
8.2	25.9	2279.1	775.0	7.5	5.4	236.0	9.6	8.2	5.5	302.8	323.0	7.3	86.3	4.1	51.
9.1	28.4	2529.1	750.0	6.0	2.3	238.1	10.7	9.1	5.6	303.9	321.5	6.3	80.3	4.7	52.
10.0	31.0	2813.3	725.0	4.1	3.0	240.4	11.7	10.2	5.8	304.8	323.4	6.6	92.6	5.3	52.
11.0	33.7	3121.6	700.0	2.5	-0.4	246.3	12.7	11.6	5.1	305.9	321.2	5.3	81.3	6.0	54.
11.9	36.1	3415.6	675.0	1.5	-5.2	253.3	13.1	12.5	3.8	307.8	319.1	3.8	60.7	6.8	56.
13.1	38.7	3719.7	650.0	-0.5	-9.0	257.0	14.3	13.9	3.2	308.7	317.6	3.0	52.7	7.6	58.
14.0	41.4	4031.5	625.0	-2.7	-9.3	252.7	15.0	14.4	4.5	309.7	316.7	3.0	60.4	8.4	60.
15.1	44.3	4344.3	600.0	-4.4	-12.3	247.8	17.8	16.5	6.7	311.3	318.6	2.4	51.5	9.4	61.
16.1	47.2	4658.7	575.0	-6.3	-14.7	252.0	20.0	19.1	8.3	312.9	319.4	2.1	51.2	10.6	62.
17.3	50.1	5074.6	550.0	-9.0	-12.2	250.3	24.7	23.2	6.2	313.7	322.1	2.7	77.7	12.2	63.
18.6	53.0	5471.3	525.0	-11.8	-11.3	244.7	24.1	23.6	11.2	314.6	323.7	3.0	100.2	14.2	64.
19.4	55.9	5716.4	500.0	-13.4	-15.1	234.1	27.3	23.6	13.7	317.0	324.4	2.4	86.5	16.3	64.
21.3	59.1	6154.7	475.0	-16.7	-17.9	243.9	26.1	23.4	11.5	317.6	323.8	2.0	90.0	18.6	63.
22.8	62.4	6558.6	450.0	-20.1	-26.1	252.7	26.5	25.3	7.9	318.0	321.3	1.0	58.7	20.8	64.
24.3	65.6	6977.8	425.0	-23.2	-36.5	254.2	30.3	24.1	6.2	319.3	320.5	0.3	24.0	23.3	65.
25.7	69.2	7421.4	400.0	-25.9	-36.1	252.5	30.7	29.3	9.2	321.3	322.8	0.4	38.3	26.0	66.
27.2	72.7	7881.5	375.0	-29.1	-32.7	247.1	30.0	27.6	11.7	323.0	325.3	0.6	71.6	28.5	66.
28.6	76.5	8376.9	350.0	-31.7	-40.0	243.1	38.0	33.8	17.2	324.9	327.1	0.3	43.6	31.7	66.
30.4	80.4	8846.7	325.0	-35.0	-47.8	246.2	42.5	30.9	17.1	327.3	327.9	0.2	27.4	35.7	66.
32.3	84.3	9447.3	300.0	-40.8	99.9	244.9	47.6	43.3	20.2	327.9	999.9	99.9	999.9	40.9	66.
34.4	88.7	10071.4	275.0	-45.3	99.9	239.5	50.4	41.4	25.6	329.6	999.9	99.9	999.9	47.0	66.
36.7	93.4	10652.2	250.0	-50.4	99.9	999.9	54.9	94.9	94.9	331.2	999.9	99.9	999.9	999.9	999.9
39.2	98.0	11144.3	225.0	-54.3	99.9	224.5	58.5	44.5	38.0	335.3	999.9	99.9	999.9	61.7	63.
41.9	103.2	12192.7	200.0	-58.5	99.9	243.3	49.9	43.6	22.4	346.5	999.9	99.9	999.9	70.3	63.
44.5	108.0	12951.1	175.0	-55.4	99.9	244.9	45.3	41.1	19.2	358.4	999.9	99.9	999.9	82.8	63.
47.4	115.2	14207.7	150.0	-62.8	99.9	999.9	99.9	99.9	99.9	361.9	999.9	99.9	999.9	999.9	999.9
50.6	122.0	15257.0	125.0	-67.6	99.9	999.9	99.9	99.9	99.9	372.7	999.9	99.9	999.9	999.9	999.9
53.2	127.7	16307.7	100.0	-70.3	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.9
56.2	136.0	14000.9	75.0	-68.0	99.9	999.9	99.9	99.9	99.9	428.6	999.9	99.9	999.9	999.9	999.9
64.2	140.3	20494.3	50.0	-64.2	99.9	242.9	39.1	34.8	17.8	492.4	999.9	99.9	999.9	137.7	62.
72.2	145.7	24948.6	25.0	-56.7	99.9	255.6	33.6	32.6	8.4	622.0	999.9	99.9	999.9	158.3	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 213  
WAYCROSS, GA6 FEBRUARY 1975  
1500 GMT

156 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SIC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	4.3	48.0	1007.6	18.2	14.7	300.0	1.5	1.3	-0.7	292.1	313.4	10.5	80.0	0.0	0.
0.2	4.3	104.0	1000.0	17.4	14.3	999.3	99.9	99.9	99.9	291.9	318.7	10.3	82.1	999.9	999.
0.9	6.6	325.0	975.0	15.3	14.2	999.3	99.9	99.9	99.9	291.9	319.1	10.5	93.2	999.9	999.
1.7	8.0	513.0	950.0	13.2	12.1	999.3	99.9	99.9	99.9	291.9	319.6	9.9	97.6	999.9	999.
2.3	10.5	769.7	925.0	12.3	11.4	253.2	8.3	7.9	2.4	293.1	318.1	9.6	97.6	0.4	91.
2.9	12.5	949.7	900.0	11.5	11.1	252.4	12.8	12.2	3.9	293.6	317.1	9.3	97.1	0.9	83.
3.8	14.7	1215.5	875.0	10.4	9.3	243.4	17.9	15.4	7.0	293.7	319.2	8.8	97.1	1.6	74.
4.6	16.6	1476.8	850.0	8.9	8.3	243.5	18.9	16.9	8.4	293.5	318.2	8.1	96.1	2.4	72.
5.3	18.9	1723.0	825.0	7.0	6.6	242.5	17.3	15.4	8.0	297.0	317.1	7.4	96.7	3.2	70.
6.2	20.4	1771.1	800.0	2.4	-28.4	234.5	16.0	13.6	8.4	293.8	295.6	0.6	10.9	4.1	68.
7.0	23.2	2730.1	775.0	7.1	-42.2	240.1	16.3	14.1	6.1	297.4	298.2	0.3	4.2	4.8	66.
7.8	25.5	2698.1	750.0	3.5	-24.1	240.5	17.6	15.9	7.6	300.5	302.8	0.7	11.2	5.7	64.
8.7	27.6	2770.7	725.0	2.8	-19.5	245.1	20.8	18.8	8.8	302.7	306.1	1.1	17.5	6.7	66.
9.7	30.2	3053.5	700.0	1.0	-21.1	248.5	25.2	22.8	10.9	303.8	306.9	1.0	17.2	8.1	65.
10.7	32.5	3345.2	675.0	-1.0	-4.8	246.3	23.2	23.1	10.1	305.0	316.5	4.0	76.2	9.6	65.
11.6	35.1	3641.1	650.0	-1.8	-10.1	248.3	26.4	23.8	11.5	305.1	313.4	2.8	63.5	11.1	66.
12.7	37.4	3941.4	625.0	-4.9	-13.9	243.8	29.5	26.5	13.0	307.1	313.4	2.1	49.3	12.9	65.
13.8	40.1	4231.7	600.0	-8.0	-11.5	246.3	28.6	27.1	11.9	307.1	315.1	2.7	76.3	14.7	65.
14.9	42.0	4601.5	575.0	-8.9	-32.4	248.3	31.4	31.0	12.4	309.6	311.1	0.4	13.0	16.9	65.
16.1	45.4	4946.7	550.0	-10.6	-32.6	247.2	32.3	29.8	12.5	311.5	313.0	0.4	14.3	19.2	66.
17.1	48.1	5172.6	525.0	-13.5	-25.5	246.0	34.3	31.3	14.0	312.3	313.3	0.9	36.2	21.3	66.
18.3	51.1	5672.0	500.0	-15.8	-21.0	249.2	34.1	36.5	13.9	313.9	318.4	1.4	64.3	23.8	66.
19.5	54.1	6057.2	475.0	-18.0	-27.2	249.3	41.4	38.7	14.6	315.6	318.3	0.2	9.9	26.9	67.
20.7	57.1	6459.1	450.0	-20.8	-43.2	250.4	40.4	38.2	13.2	317.0	317.7	0.2	11.3	29.9	67.
22.2	60.4	6799.4	425.0	-23.0	-40.4	249.4	45.6	42.7	16.0	319.5	319.9	0.1	7.4	33.5	67.
23.7	63.9	7321.1	400.0	-28.6	-50.1	250.9	41.0	38.7	13.4	320.4	320.6	0.0	12.4	47.0	68.
25.4	67.1	7783.3	375.0	-30.7	-52.6	250.2	53.24	50.1	18.0	320.9	321.2	0.1	9.5	42.2	68.
26.9	70.8	8274.0	350.0	-35.2	-54.1	249.4	49.0	45.9	17.2	321.2	321.5	0.1	12.4	47.0	68.
28.4	74.3	8740.4	325.0	-39.8	99.4	248.8	44.98	41.8	16.2	321.8	999.9	99.9	999.9	51.0	68.
30.2	78.7	9322.5	300.0	-44.0	99.9	251.0	52.58	49.6	17.1	323.4	999.9	99.9	999.9	55.8	68.
32.0	87.7	9931.3	275.0	-48.4	99.9	251.1	54.28	51.3	17.6	325.2	999.9	99.9	999.9	62.3	69.
34.3	87.0	10521.6	250.0	-51.8	99.9	253.6	48.88	46.8	13.8	329.1	999.9	99.9	999.9	69.3	69.
36.1	91.8	11154.1	225.0	-55.5	99.9	243.7	43.09	38.5	19.1	333.5	999.9	99.9	999.9	75.1	69.
38.0	97.0	11713.4	200.0	-60.9	99.9	241.8	58.98	51.9	27.8	336.4	999.9	99.9	999.9	82.7	68.
41.1	102.5	12711.8	175.0	-55.7	99.9	237.7	81.08	68.5	43.3	357.9	999.9	99.9	999.9	94.0	67.
45.1	108.4	13752.7	150.0	-59.8	99.9	248.6	82.08	74.0	35.2	367.1	999.9	99.9	999.9	108.1	66.
49.2	114.4	14441.7	125.0	-63.0	99.9	243.7	58.16	50.3	24.8	381.0	999.9	99.9	999.9	124.8	66.
53.8	121.7	16244.4	100.0	-65.7	99.9	240.1	68.08	62.2	27.6	400.8	999.9	99.9	999.9	136.4	66.
58.5	133.5	17974.7	75.0	-69.3	99.9	247.3	25.788	22.8	9.5	427.6	999.9	99.9	999.9	150.5	65.
66.9	144.0	20416.2	50.0	-65.4	99.9	54.9	8.98	-7.3	-5.1	489.4	999.9	99.9	999.9	159.0	65.
78.6	156.4	24744.7	25.0	-57.4	99.9	248.1	49.48	45.8	18.4	619.9	999.9	99.9	999.9	173.8	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA\* FEBRUARY 1975  
1500 GMT

TIME MIN	CNCT	HEIGHT GPM	WIND MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GM/KG	RM PCT	RANGE KM	AZ DG
3.0	3.5	11.0	1012.5	16.9	16.1	350.0	2.6	0.5	-2.6	290.5	319.9	11.5	95.0	0.0	0.
0.5	4.9	117.2	1000.0	16.0	14.8	999.9	99.9	99.9	99.9	290.5	318.0	10.7	92.7	999.9	999.
1.3	6.7	332.8	975.0	16.4	5.2	999.9	99.9	99.9	99.9	292.7	312.7	7.6	62.8	999.9	999.
2.1	9.2	518.4	950.0	16.0	14.9	226.1	5.6	4.1	4.0	295.0	324.5	11.3	92.8	0.2	82.
2.8	11.3	711.7	925.0	15.5	14.5	228.3	8.7	6.5	5.8	2.7	326.5	11.3	93.7	0.5	62.
3.5	13.3	1014.4	900.0	14.3	13.3	226.9	11.4	8.3	7.8	297.6	326.2	10.8	93.9	1.9	55.
4.2	15.7	1252.2	875.0	12.3	11.1	227.2	12.2	8.9	8.3	297.9	323.8	9.7	93.6	1.5	52.
4.8	17.1	1455.2	850.0	10.9	10.0	230.7	12.9	10.0	8.2	298.8	321.3	9.1	94.0	1.9	51.
5.5	20.4	1744.4	825.0	9.7	8.9	232.4	13.7	10.8	8.3	300.0	323.6	8.7	94.2	2.8	52.
6.2	22.8	2000.4	800.0	8.8	8.0	231.0	15.1	11.7	9.5	301.7	324.8	8.4	94.3	3.1	52.
7.1	25.1	2257.7	775.0	6.2	5.4	230.9	17.7	13.7	11.2	301.5	321.6	7.3	94.4	4.0	51.
8.2	27.7	2511.1	750.0	4.6	3.6	230.0	19.2	14.7	12.3	302.4	320.9	6.7	93.8	5.2	51.
9.4	30.3	2807.4	725.0	3.0	2.1	227.4	18.6	13.7	12.6	303.6	320.9	6.2	93.5	6.5	51.
10.1	31.0	3111.5	700.0	1.9	0.9	228.5	17.7	13.3	11.7	305.4	321.9	5.8	92.7	8.5	50.
12.7	35.5	3115.0	675.0	0.4	-0.2	228.4	17.6	13.3	11.6	307.3	321.3	5.6	92.9	10.3	50.
15.0	38.1	3677.4	650.0	-2.2	-3.2	220.1	27.3	20.4	18.2	307.1	320.6	4.7	92.7	13.0	50.
17.4	41.3	3678.6	625.0	-4.1	-6.3	227.1	27.0	19.8	18.3	308.0	319.5	3.9	87.8	15.9	49.
19.8	43.3	4119.4	600.0	-6.0	-7.8	224.3	30.4	22.7	20.2	309.7	320.2	3.5	86.8	20.9	49.
20.9	45.3	4632.5	575.0	-7.1	-9.1	232.2	26.3	20.8	18.1	311.9	321.9	3.3	86.7	23.0	49.
22.2	50.3	4677.4	550.0	-9.4	-11.4	241.3	25.0	21.9	18.0	313.3	322.2	2.9	85.1	24.7	49.
23.3	52.3	5356.7	525.0	-11.5	-13.4	244.5	25.1	22.6	18.8	316.9	322.7	2.5	83.1	26.5	50.
24.9	55.3	5779.0	500.0	-13.6	-16.2	244.4	26.8	24.2	11.6	316.7	323.4	2.1	80.4	29.0	52.
27.4	59.1	6114.4	475.0	-15.4	-18.4	250.7	26.0	24.5	8.6	318.6	324.5	1.8	77.7	32.4	54.
29.0	62.7	6574.4	450.0	-18.4	-21.7	999.9	99.9	99.9	99.9	320.2	325.1	1.5	75.3	999.9	999.
30.9	65.3	6929.4	425.0	99.9	5.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
32.9	67.3	7279.4	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
34.3	69.3	7529.4	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
36.3	70.3	7779.4	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
38.9	72.9	8029.4	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
40.0	74.9	8279.4	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
42.9	77.9	8529.4	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
45.9	80.9	8779.4	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
48.9	83.9	9029.4	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
50.9	86.9	9279.4	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
53.9	89.9	9529.4	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
56.9	92.9	9779.4	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
59.9	95.9	10029.4	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
62.9	98.9	10279.4	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
65.9	101.9	10529.4	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
68.9	104.9	10779.4	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
71.9	107.9	11029.4	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA6 FEBRUARY 1975  
1455 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES NU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CIMP M/SEC	V CIMP M/SEC	POT T DG K	E POT T DG K	WX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	140.0	933.7	6.7	4.7	330.0	3.6	1.8	-3.1	281.1	248.9	5.4	87.0	0.0	0.
0.9	99.3	99.7	1000.0	94.9	94.9	94.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.2	291.9	975.0	3.9	3.9	314.9	7.6	5.4	-5.3	279.7	292.6	5.1	97.3	0.2	129.
1.4	10.4	502.6	950.0	2.3	2.3	304.0	9.0	7.1	-5.5	280.1	292.4	4.8	99.9	0.6	130.
2.1	12.6	714.1	925.0	1.3	1.3	302.4	10.9	9.2	-5.9	261.2	292.9	4.5	100.3	1.0	128.
2.9	14.2	934.4	900.0	0.6	0.6	291.0	13.0	12.2	-4.7	262.7	293.3	4.4	100.2	1.6	125.
3.8	17.2	1155.5	875.0	1.4	1.4	262.9	11.6	11.5	1.4	285.9	298.7	4.9	100.3	2.2	117.
4.6	19.3	1344.5	850.0	1.8	1.8	248.4	15.7	14.6	5.8	288.7	302.4	5.1	100.6	2.7	107.
5.3	21.4	1440.1	825.0	-0.0	-2.8	247.4	18.6	17.1	7.1	289.0	299.4	3.8	82.1	3.3	98.
6.2	24.3	1547.6	800.0	-0.3	-11.4	248.0	19.8	18.4	7.4	291.1	294.6	1.9	41.4	4.1	92.
7.0	26.7	1640.5	775.0	-0.7	-16.5	247.0	21.9	20.2	8.5	293.2	297.2	1.4	28.9	5.1	87.
7.8	29.2	1741.8	750.0	-2.1	-17.9	246.8	22.9	21.3	8.3	294.4	298.1	1.2	28.5	6.1	83.
8.7	31.9	1840.3	725.0	-3.4	-17.2	252.7	24.1	23.0	7.2	295.3	300.0	1.4	33.3	7.3	81.
9.5	34.6	1947.3	700.0	-4.2	-16.0	255.0	26.5	25.6	6.9	296.9	301.6	1.6	42.3	8.6	80.
10.5	37.2	2041.4	675.0	-7.8	-13.4	258.0	29.8	28.1	6.2	297.2	302.9	2.0	62.0	10.2	80.
11.6	40.0	2124.7	650.0	-10.1	-13.2	259.6	33.5	32.9	6.0	297.8	303.0	2.1	77.9	12.3	80.
12.5	42.6	2205.7	625.0	-11.1	-17.3	253.3	37.7	36.1	10.8	294.9	304.7	1.6	61.2	14.4	79.
13.5	45.5	2284.0	600.0	-11.0	-25.3	248.6	40.9	38.1	15.0	303.5	304.1	0.8	31.6	16.6	78.
14.5	48.5	2361.4	575.0	-11.5	-26.0	246.5	44	40.8	17.5	306.6	309.1	0.8	28.7	19.2	77.
15.7	51.4	2437.4	550.0	-14.6	-29.4	246.4	43.3	39.7	17.3	306.8	309.6	0.6	26.9	22.4	75.
16.8	54.5	2516.2	525.0	-16.3	-32.7	247.7	43.0	39.8	16.3	308.8	310.4	0.5	23.4	25.2	74.
17.1	57.6	2591.4	500.0	-18.6	-29.4	249.1	47.98	44.7	17.1	310.4	312.5	0.6	36.2	28.8	74.
18.5	60.4	2672.7	475.0	-21.0	-31.6	247.5	50.08	46.2	19.1	312.0	313.9	0.6	37.8	32.6	73.
20.8	64.1	2747.4	450.0	-23.8	-30.8	249.1	54.68	51.9	19.9	313.4	315.6	0.6	52.0	37.1	72.
22.2	67.7	2815.9	425.0	-25.8	-38.2	246.7	55.58	50.4	21.9	315.9	317.1	0.3	30.2	41.2	72.
23.7	71.1	2882.7	400.0	-24.1	-58.1	246.9	55.28	50.4	21.7	317.2	317.4	0.1	7.3	46.8	71.
25.2	74.0	2948.5	375.0	-33.2	-55.4	248.3	56.48	49.4	20.9	317.6	317.8	0.0	8.1	51.2	71.
26.7	78.4	3014.7	350.0	-37.0	-58.2	249.9	56.48	43.0	19.4	318.8	319.0	0.0	8.9	54.2	71.
28.3	82.7	3084.7	325.0	-47.2	99.4	250.1	53.38	5.1	18.2	318.6	999.9	99.9	99.9	61.7	71.
30.0	86.4	3153.7	300.0	-46.9	99.4	250.8	64.28	60.7	21.1	319.3	999.9	99.9	99.9	67.7	71.
32.0	91.4	3225.7	275.0	-51.2	99.4	253.3	49.28	47.6	12.5	321.0	999.9	99.9	99.9	74.3	71.
33.9	96.3	3317.7	250.0	-57.0	99.4	258.8	60.48	58.8	10.8	321.4	999.9	99.9	99.9	81.6	71.
35.9	100.9	3398.2	225.0	-60.5	99.4	262.0	54.78	54.2	7.7	325.8	999.9	99.9	99.9	89.6	72.
38.3	106.4	3476.9	200.0	-58.8	99.4	244.3	75.18	67.7	32.6	339.6	999.9	99.9	99.9	98.4	72.
41.1	112.0	3549.7	175.0	-57.0	99.9	247.2	33.488	78.9	32.4	353.6	999.9	99.9	99.9	100.1	71.
44.4	118.1	3617.4	150.0	-57.7	99.9	248.1	67.188	62.3	25.1	370.8	999.9	99.9	99.9	110.4	71.
47.0	125.5	3677.4	125.0	-61.9	99.9	251.3	52.088	49.3	16.7	383.0	999.9	99.9	99.9	130.4	70.
52.4	133.3	3742.1	100.0	-62.0	99.4	261.2	36.888	38.4	5.4	408.0	999.9	99.9	99.9	142.9	71.
56.2	141.1	3781.0	75.0	-62.5	99.4	258.1	15.588	15.2	3.2	442.0	999.9	99.9	99.9	150.3	71.
60.1	140.3	2032.7	50.0	-61.9	99.4	247.8	20.688	19.0	7.8	497.8	999.9	99.9	99.9	160.1	71.
78.2	140.0	2459.4	25.0	-60.4	99.4	250.0	19.58	18.2	3.7	610.0	999.9	99.9	99.9	170.8	72.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 60 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 212  
DOOTHVILLE, LA6 FEBRUARY 1975  
1500 GMT

TIME MIN	CMPT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MI RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0-0	5-3	1-0	1015.5	17.8	13.5	300.0	9.1	1.4	-3.9	291.0	316.0	9.7	76.0	0.0	0.
0-4	6-3	132.6	1000.0	16.5	10.6	999.9	9.9	9.9	9.9	290.8	311.8	8.1	67.9	999.9	999.9
1-1	6-7	107.9	975.0	14.7	10.0	999.9	9.9	9.9	9.9	291.0	311.8	8.0	73.4	999.9	999.9
1-6	10-3	547.1	950.0	13.2	6.1	999.9	9.9	9.9	9.9	291.4	308.0	6.2	61.8	999.9	999.9
2-6	13-3	731.3	925.0	13.3	-2.3	300.0	7.5	6.5	-3.8	293.4	303.1	3.5	33.8	1.0	15.1
3-3	15-2	1021.6	900.0	12.4	1.4	287.1	8.2	7.8	-2.4	293.4	307.9	4.7	46.9	1.3	14.0
4-1	17-1	1247.1	874.0	11.9	-4.0	285.2	4.1	8.8	-2.4	293.6	307.4	3.1	33.3	1.6	13.2
4-9	19-6	1400.2	850.0	9.4	-5.4	280.8	11.5	11.0	-3.3	295.3	304.6	2.9	33.5	2.1	12.6
5-6	21-8	1745.1	825.0	8.3	-8.3	280.0	13.7	13.5	-2.4	297.7	304.9	2.5	29.9	2.6	12.2
6-5	24-3	1909.4	800.0	7.9	2.7	271.9	13.3	18.3	-0.6	300.3	318.5	5.8	69.9	3.3	11.5
7-3	26-5	2261.1	774.0	6.4	4.7	266.5	22.6	22.6	1.4	301.6	320.7	6.9	88.5	4.3	10.9
8-2	29-0	2529.8	750.0	4.8	3.0	259.8	24.1	24.1	4.8	302.6	321.0	6.6	91.7	5.5	10.4
9-1	31-5	2805.9	725.0	3.0	1.1	259.6	24.9	23.5	8.3	303.5	317.6	5.8	87.7	6.7	9.8
9-9	34-1	3081.4	700.0	1.5	-2.5	248.8	25.0	22.7	10.6	304.7	317.8	4.6	74.7	7.8	9.3
10-8	36-4	3332.5	675.0	0.1	-6.2	243.0	24.8	22.1	11.3	306.2	316.7	3.6	62.5	9.0	8.9
11-6	39-3	3688.4	650.0	-1.4	-7.0	243.2	23.6	23.0	9.9	307.8	317.4	3.2	61.0	10.3	8.5
12-4	41-3	4044.1	625.0	-3.0	-11.0	243.1	23.6	25.0	12.1	309.3	317.4	2.7	54.6	11.9	8.3
13-9	44-4	4319.4	600.0	-4.6	-10.6	241.3	23.6	25.1	13.7	311.2	320.0	2.9	63.6	13.5	8.0
14-9	47-5	4653.0	575.0	-6.1	-20.6	243.4	23.9	26.7	13.4	313.0	317.1	1.3	10.9	15.3	7.8
16-1	50-4	4908.4	550.0	-8.5	-25.3	248.4	31.8	29.5	11.7	315.1	317.0	0.9	24.1	17.4	7.6
17-3	53-3	5150.4	525.0	-11.0	-24.2	245.2	31.6	30.5	14.1	315.3	314.1	0.8	27.1	19.8	7.5
18-4	56-1	5710.4	500.0	-14.0	-29.3	248.5	31.8	29.6	11.7	318.0	318.2	0.7	25.9	22.4	7.4
19-8	59-4	6119.4	475.0	-15.8	-32.7	253.0	32.3	30.9	9.4	318.4	320.2	0.5	21.7	24.6	7.4
21-1	62-6	6529.3	450.0	-18.4	-35.4	252.0	32.1	30.6	9.9	320.0	321.4	0.4	19.9	27.1	7.4
22-4	65-7	6949.0	425.0	-21.8	-37.9	251.1	34.9	33.4	10.1	321.0	322.2	0.3	21.6	29.8	7.4
23-7	69-0	7371.7	400.0	-25.3	-41.7	251.1	32.6	30.8	10.6	322.0	322.9	0.2	19.8	32.4	7.4
25-4	72-4	7894.5	375.0	-28.4	-45.3	247.4	34.5	31.9	13.3	322.5	323.2	0.2	19.7	36.1	7.3
26-9	76-3	8343.1	350.0	-34.3	-47.8	249.3	34.8	31.6	11.9	323.3	322.9	0.1	23.7	38.9	7.3
28-6	80-1	8857.4	325.0	-38.7	-49.9	252.7	34.7	37.9	7.1	323.1	999.9	99.9	999.9	42.4	7.3
30-2	84-3	9432.8	300.0	-42.8	-49.9	249.1	37.6	36.9	6.3	323.7	999.9	99.9	999.9	46.4	7.3
32-2	88-2	9933.4	275.0	-48.0	-49.9	261.4	42.0	41.6	5.4	323.9	999.9	99.9	999.9	50.8	7.4
34-1	92-8	10403.4	250.0	-51.9	-49.9	263.1	44.9	44.6	7.2	325.1	999.9	99.9	999.9	55.9	7.4
36-0	97-4	11284.6	225.0	-54.5	-49.9	256.7	31.2	30.4	18.5	335.1	999.9	99.9	999.9	60.4	7.5
38-8	102-3	12078.2	200.0	-59.9	-49.9	231.5	24.8	23.4	24.4	337.9	999.9	99.9	999.9	64.1	7.4
40-5	109-1	12847.8	175.0	-58.7	-49.9	241.5	51.24	45.0	24.4	353.1	999.9	99.9	999.9	69.3	7.3
43-4	114-3	13923.6	150.0	-60.6	-49.9	238.4	59.48	50.6	31.1	365.7	999.9	99.9	999.9	79.0	7.1
47-0	121-0	14943.2	125.0	-64.5	-49.9	249.0	55.08	51.4	14.7	378.2	999.9	99.9	999.9	89.2	7.0
51-4	128-7	16371.6	100.0	-68.2	-49.9	254.5	43.24	42.0	10.1	394.9	999.9	99.9	999.9	100.7	7.0
56-9	137-3	18046.0	75.0	-64.2	-49.9	251.1	32.08	30.2	10.4	438.2	999.9	99.9	999.9	112.4	7.0
63-8	146-3	20529.6	50.0	-63.4	-49.9	263.1	13.58	19.4	2.3	494.2	999.9	99.9	999.9	124.8	7.1
74-8	155-7	24777.7	25.0	-58.0	-49.9	268.4	27.76	22.7	0.6	618.2	999.9	99.9	999.9	136.1	7.2

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTLT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	100.0	1006.5	5.0	3.2	350.0	5.1	0.9	-5.0	278.3	290.5	4.8	88.0	0.0	0.
0.2	4.0	152.8	1009.0	3.6	2.2	332.2	8.3	3.9	-7.3	277.4	284.8	4.5	90.6	0.2	150.
3.9	7.1	147.4	975.0	1.7	1.0	328.3	6.9	3.6	-5.8	277.4	284.2	4.2	95.4	0.4	151.
1.7	9.4	566.7	950.0	0.1	-0.4	308.2	7.9	6.2	-4.9	277.8	287.9	3.9	98.4	0.7	146.
2.2	11.5	740.1	925.0	-0.9	-1.4	292.1	10.0	9.3	-3.9	278.8	289.5	3.7	98.4	1.0	139.
3.0	13.8	998.9	900.0	-1.3	-1.7	278.2	14.6	14.4	-2.1	280.6	290.3	3.7	98.0	1.4	126.
3.4	16.0	1223.7	875.0	-1.0	-4.4	279.3	18.7	18.5	-3.0	283.1	291.3	3.1	75.7	2.2	116.
4.5	18.4	1455.6	850.0	-1.1	-7.0	280.8	21.3	20.9	-4.0	285.4	292.7	2.7	64.1	3.1	112.
5.4	20.8	1733.4	825.0	-1.9	-10.4	275.5	23.1	23.0	-2.2	286.8	292.6	2.1	52.1	4.3	109.
6.3	1.1	1738.5	800.0	-1.3	-9.0	261.5	24.3	24.0	3.6	290.0	296.8	2.4	55.7	5.5	104.
7.0	7.0	2131.3	775.0	-2.5	-9.2	258.1	25.2	24.6	5.2	291.5	298.4	2.4	59.5	6.5	100.
8.0	8.0	2450.9	750.0	-4.0	-7.4	252.9	26.7	25.5	7.9	292.6	300.7	2.9	78.7	7.7	96.
8.9	31.0	2718.8	725.0	-4.2	-5.2	251.7	29.8	28.3	9.4	295.3	305.4	3.6	92.9	9.3	91.
9.9	33.8	2975.4	700.0	-5.6	-8.9	253.5	31.8	30.5	9.0	296.6	304.6	2.8	77.9	11.1	88.
10.9	36.4	3240.0	675.0	-7.4	-11.7	255.2	34.5	33.4	8.6	297.7	304.4	2.3	71.0	12.9	86.
11.9	39.4	3522.8	650.0	-10.1	-13.4	252.4	39.4	37.6	11.9	297.7	301.9	2.1	77.4	15.1	85.
12.6	42.1	3876.0	625.0	-7.6	-24.7	246.3	40.7	37.3	16.4	303.8	306.4	0.8	23.8	17.4	83.
13.8	45.1	4193.4	600.0	-8.8	-25.6	245.5	40.5	36.9	16.8	306.0	304.5	0.8	24.2	19.4	80.
14.8	48.4	4521.4	575.0	-11.4	-26.1	248.9	42.9	40.0	15.5	306.8	309.3	0.8	28.4	22.1	79.
15.8	51.4	4861.0	550.0	-14.0	-26.0	250.4	40.7	38.3	13.7	307.5	310.2	0.8	35.5	24.5	78.
17.0	54.9	5212.1	525.0	-16.8	-24.8	251.0	44.0	41.6	14.3	308.3	311.4	1.0	49.7	27.2	77.
18.2	58.1	5577.5	500.0	-18.7	-24.7	251.4	43.9	41.6	14.0	310.3	313.5	1.0	57.9	30.3	77.
19.1	61.9	5948.7	475.0	-20.5	-28.6	251.7	47.0	44.7	14.6	312.7	315.2	0.8	67.9	33.7	76.
20.5	65.5	6317.0	450.0	-23.4	-30.6	248.9	53.0	49.5	19.0	313.9	316.1	0.6	50.3	37.4	76.
21.8	69.2	6773.4	425.0	-25.4	-40.8	247.3	51.1	47.1	19.7	316.4	317.3	0.2	22.1	41.9	75.
23.1	73.0	7210.3	400.0	-28.7	-47.9	249.7	50.3	47.2	17.4	317.6	318.0	0.1	13.6	45.2	74.
24.7	77.3	7648.4	375.0	-33.3	-48.9	251.8	50.9	48.4	15.9	317.5	317.9	0.1	19.0	48.8	74.
26.3	81.6	8149.4	350.0	-37.4	-54.3	253.8	45.8	44.0	12.4	318.3	318.5	0.1	14.9	54.8	74.
27.9	86.0	8655.8	325.0	-42.3	-59.9	255.5	54.2	52.4	13.8	318.6	319.9	99.9	99.9	59.4	74.
29.7	91.0	9191.4	300.0	-46.8	-59.9	255.5	55.5	51.7	13.9	319.4	319.9	99.9	99.9	68.7	74.
31.2	95.4	9763.4	275.0	-50.8	-59.9	257.3	40.1	39.1	8.6	321.7	321.7	99.9	99.9	76.1	75.
33.3	101.2	10376.4	250.0	-55.8	-59.9	263.1	57.5	57.1	6.7	323.1	323.1	99.9	99.9	83.2	76.
35.3	107.0	11041.4	225.0	-59.9	-59.9	268.7	55.4	55.4	1.3	327.7	327.7	99.9	99.9	91.1	76.
39.0	113.3	11775.1	200.0	-59.9	-59.9	268.9	16.8	34.0	13.1	337.9	337.9	99.9	99.9	99.9	99.9.
40.6	119.8	12522.3	175.0	-56.9	-59.9	268.9	99.9	99.9	99.9	356.1	356.1	99.9	99.9	99.9	99.9.
43.8	127.0	13513.1	150.0	-58.6	-59.9	268.9	99.9	99.9	99.9	369.1	369.1	99.9	99.9	99.9	99.9.
47.5	135.0	14742.4	125.0	-59.1	-59.9	268.9	99.9	99.9	99.9	387.9	387.9	99.9	99.9	99.9	99.9.
51.4	142.3	16117.4	100.0	-65.6	-59.9	268.9	99.9	99.9	99.9	401.1	401.1	99.9	99.9	99.9	99.9.
54.9	150.3	17494.2	75.0	-62.6	-59.9	268.9	99.9	99.9	99.9	411.7	411.7	99.9	99.9	99.9	99.9.
63.8	158.7	21907.1	50.0	-61.7	-59.9	263.3	32.7	32.5	3.8	498.2	498.2	99.9	99.9	132.5	74.
74.4	167.7	24693.8	25.0	-61.2	-59.9	261.0	27.8	27.2	4.3	609.2	609.2	99.9	99.9	160.8	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1015 GMT

152 49. 0

TIME MIN	CNTCT	WEIGHT GPM	OPES M3	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MN RTO CH/KG	RM PCT	RANGE KM	AZ DG
0.0	3.3	5.0	1019.8	4.3	0.5	350.0	7.2	1.3	-7.1	276.4	285.3	3.9	76.0	0.0	0.
0.4	4.4	145.4	1000.0	4.9	2.1	324.3	9.7	5.7	-7.9	276.7	290.1	4.5	81.7	0.2	176.
1.0	6.7	371.4	975.0	2.6	1.3	314.6	8.6	3.7	-7.7	278.4	289.4	4.3	90.6	0.5	160.
1.6	8.7	541.0	950.0	0.6	0.1	348.1	9.1	1.9	-9.0	280.3	288.8	4.1	96.2	0.8	161.
2.3	10.9	745.7	925.0	3.2	-0.2	338.6	15.4	5.6	-14.3	283.2	293.9	4.1	77.9	1.3	163.
3.1	13.2	1014.9	900.0	7.4	-3.2	326.2	17.4	9.7	-14.4	289.6	298.8	3.4	46.9	2.1	159.
3.9	15.1	1251.4	875.0	6.1	-4.6	311.4	12.1	9.2	-8.1	290.5	299.1	3.1	46.3	2.8	154.
4.6	17.7	1444.2	850.0	4.6	-6.4	285.1	11.1	10.7	-2.9	291.3	299.1	2.8	44.6	3.3	148.
5.7	20.1	1731.7	825.0	5.4	-11.8	260.1	13.8	13.6	2.4	294.5	300.0	1.9	27.6	3.7	139.
6.6	22.1	1943.1	800.0	5.4	-12.4	252.4	17.4	16.6	5.2	297.1	302.6	1.9	26.9	4.2	129.
7.4	24.4	2242.0	775.0	4.0	-8.1	255.7	18.0	17.5	4.5	298.5	306.2	2.7	46.7	4.7	120.
8.4	27.2	2507.4	750.0	1.6	-7.9	258.7	17.1	16.8	3.4	298.6	308.7	2.8	49.3	5.5	113.
9.4	29.4	2774.4	725.0	-0.4	-8.7	262.1	17.5	17.3	2.4	299.0	308.9	2.7	54.9	6.4	108.
10.5	32.4	3054.0	700.0	-2.5	-10.8	257.2	20.0	19.5	4.4	300.0	307.0	2.4	52.8	7.5	104.
11.5	35.2	3347.6	675.0	-2.8	-14.7	245.8	23.7	22.9	5.8	302.6	308.3	1.2	25.7	8.7	100.
12.7	37.3	3646.4	650.0	-3.6	-20.2	258.2	27.4	26.8	9.6	305.0	308.7	1.2	26.2	10.4	96.
13.7	40.4	3954.4	625.0	-5.1	-20.3	259.0	28.3	27.4	5.4	306.5	310.4	1.2	29.7	12.1	93.
14.8	43.1	4274.9	600.0	-6.4	-17.9	246.8	24.8	29.0	6.8	308.4	313.2	1.6	40.8	14.0	91.
16.0	46.1	4605.7	575.0	-9.1	-14.1	257.3	32.2	31.5	7.1	309.5	315.8	2.1	61.7	16.1	89.
17.3	49.3	4944.8	550.0	-10.4	-23.9	258.1	33.5	32.8	6.9	311.9	315.1	1.0	31.9	18.4	88.
18.5	52.1	5304.4	525.0	-12.7	-28.0	260.2	33.9	33.4	5.8	313.2	315.6	0.7	26.2	21.1	87.
19.6	55.1	5676.5	500.0	-15.1	-24.6	262.0	33.9	33.6	4.8	314.6	316.8	0.6	27.6	23.7	86.
21.1	58.4	6073.4	475.0	-17.6	-31.7	261.3	33.8	33.4	5.1	316.1	318.0	0.6	27.8	26.3	86.
22.5	61.3	6455.5	450.0	-19.8	-34.2	259.7	34.4	33.7	7.2	318.3	319.9	0.5	26.5	29.2	85.
24.0	65.4	6847.1	425.0	-23.2	-34.0	260.6	37.2	34.7	6.1	319.3	320.3	0.3	21.8	32.6	84.
25.5	68.4	7277.7	400.0	-26.7	-42.8	263.9	37.6	37.6	3.5	320.3	321.1	0.2	19.8	36.0	84.
27.1	72.4	7740.4	375.0	-30.0	-50.8	266.5	43.9	43.8	4.7	322.1	322.2	0.1	11.0	39.7	84.
28.4	76.5	8277.0	350.0	-34.6	94.9	262.4	40.04	40.6	5.3	323.0	323.0	99.9	99.9	43.2	84.
30.7	80.4	8740.2	325.0	-39.0	94.9	262.4	40.04	40.6	5.3	323.0	323.0	99.9	99.9	48.4	84.
32.3	84.3	9311.7	300.0	-43.7	94.9	272.5	37.29	37.1	-1.7	323.7	323.7	99.9	99.9	51.4	84.
34.4	89.2	9911.5	275.0	-47.7	94.9	276.1	49.66	49.4	-8.7	326.1	326.1	99.9	99.9	57.4	86.
36.7	94.2	10516.1	250.0	-52.7	94.9	276.2	50.66	50.3	-5.9	327.7	327.7	99.9	99.9	63.5	87.
39.2	99.2	11210.0	225.0	-56.7	94.3	276.6	48.74	46.4	-5.6	331.6	331.6	99.9	99.9	71.6	88.
41.8	104.8	11952.2	200.0	-58.5	94.9	275.5	41.55	41.3	-4.0	340.1	340.1	99.9	99.9	78.4	89.
44.6	110.8	12740.5	175.0	-47.4	94.9	246.6	42.18	38.8	16.7	355.2	355.2	99.9	99.9	85.6	88.
48.0	117.5	13754.2	150.0	-59.1	94.3	252.0	42.98	40.8	13.3	368.3	368.3	99.9	99.9	94.9	87.
52.2	125.1	14977.6	125.0	-61.1	94.9	252.3	28.88	27.2	8.7	388.0	388.0	99.9	99.9	104.7	85.
57.1	133.7	15264.7	100.0	-66.8	94.9	254.5	42.38	40.7	11.3	398.7	398.7	99.9	99.9	116.4	84.
63.1	143.0	14053.7	75.0	-67.2	94.9	99.9	99.9	99.9	99.9	432.0	432.0	99.9	99.9	99.9	99.9
71.2	153.5	20445.4	0.0	-62.4	94.9	94.9	99.9	99.9	99.9	495.5	495.5	99.9	99.9	99.9	99.9
99.9	99.9	43.9	25.0	94.9	94.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 PV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA6 FEBRUARY 1975  
1431 GMT

TIME MM	CNTCT	WEIGHT GPM	PHYS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0-0	4-7	74.1	1013.9	0-0	-4-2	320-0	7-2	4-6	-5-5	272-6	279-5	2-8	73-0	0-0	0-
0-3	5	181.5	1000-0	-1-2	-5-8	999-9	99-9	99-9	99-9	272-3	279-2	2-7	76-8	999-9	999-
1-1	0	390.5	975-0	-3-3	-5-4	999-9	99-9	99-9	99-9	272-1	278-9	2-6	85-2	999-9	999-
1-4	1-1	595.5	945-0	-5-2	-5-5	999-9	99-9	99-9	99-9	272-2	279-1	2-7	98-1	999-9	999-
2-5	12-5	836.6	925-0	-6-9	-7-0	327-9	9-4	5-0	-8-0	272-6	278-9	2-4	98-9	1-6 143-	
3-4	14-7	1012.6	900-0	-5-1	-8-8	330-9	13-9	6-8	-12-1	276-5	282-3	2-2	75-4	2-1 146-	
4-1	17-1	1240.6	875-0	-3-9	-11-6	326-3	14-9	4-2	-12-4	279-9	284-8	1-8	55-2	2-9 146-	
5-0	19-3	1463.3	850-0	-4-5	-11-1	320-5	14-3	9-1	-11-0	281-7	287-0	1-9	59-8	3-6 146-	
6-0	21-3	1704.2	825-0	-4-7	-12-1	312-1	14-2	10-5	-9-5	283-8	288-9	1-8	56-2	4-4 146-	
6-9	24-3	1946.7	800-0	-3-1	-10-5	249-5	17-1	10-2	-5-7	287-9	291-2	1-1	29-4	5-1 141-	
7-6	26-7	2164.2	775-0	-1-1	-24-8	278-8	19-4	12-2	-3-0	290-6	292-6	0-7	16-8	5-8 135-	
8-5	29-1	2457.5	750-0	-3-6	-26-0	278-7	23-6	12-6	-1-7	292-7	294-5	0-6	14-9	6-7 129-	
9-7	31-3	2725-0	725-0	-4-5	-19-4	275-9	30-0	22-9	-3-1	295-7	298-0	1-1	29-0	8-3 122-	
10-6	34-7	3000.6	700-0	-6-1	-19-4	275-6	34-5	14-3	-3-4	295-9	301-1	1-8	52-0	12-5 116-	
12-0	37-2	3744.6	675-0	-8-1	-12-9	271-2	36-0	30-0	-0-8	298-8	302-9	2-1	68-6	12-8 112-	
12-6	40-3	4776-5	650-0	-10-5	-12-1	268-7	37-6	37-6	0-7	297-4	304-1	2-3	67-8	14-6 109-	
13-8	42-7	5770-0	625-0	-12-8	-13-0	267-4	37-9	37-8	1-7	298-1	304-3	2-1	93-8	16-6 107-	
14-8	45-9	6145.4	600-0	-14-0	-14-1	263-8	37-1	36-9	4-0	300-0	304-2	1-4	64-5	18-7 104-	
16-0	48-6	6710.4	575-0	-15-3	-30-4	261-8	41-5	41-1	5-9	302-1	303-1	0-3	14-3	21-5 101-	
17-2	51-4	6967-0	550-0	-13-7	-30-4	259-6	42-9	42-2	7-7	307-9	309-7	0-5	22-6	24-3 99-	
18-4	54-5	7193-0	525-0	-16-4	-28-1	263-2	43-5	43-2	5-2	308-8	311-2	0-7	35-9	27-3 97-	
19-3	57-5	7465.0	500-0	-14-3	-25-9	261-1	44-3	44-0	5-2	310-6	311-7	0-9	51-2	31-8 95-	
21-3	60-4	7686.4	475-0	-20-5	-27-4	261-5	51-1	50-6	7-5	312-6	315-4	0-8	53-6	35-1 94-	
22-4	64-3	8143-1	450-0	-23-0	-34-4	262-2	48-7	48-2	6-6	316-3	317-9	0-5	34-4	39-5 92-	
24-1	67-4	8762-2	425-0	-25-1	-48-9	262-3	54-3	53-8	7-3	318-8	317-2	0-1	8-7	43-5 91-	
25-8	70-7	9193-7	400-0	-28-5	-47-7	256-7	43-0	41-9	9-7	317-9	318-4	0-1	13-8	48-7 90-	
27-5	74-6	9658.5	375-0	-32-6	-49-0	999-9	99-9	99-9	99-9	318-4	318-4	0-1	17-5	999-9	999-
29-2	78-3	10172-7	350-0	-37-2	-47-5	999-9	99-9	99-9	99-9	318-5	319-0	0-1	26-2	999-9	999-
31-0	82-1	10647-1	325-0	-42-0	99-9	999-9	99-9	99-9	99-9	318-7	999-9	99-9	999-9	999-9	999-
32-9	86-1	11183.6	300-0	-46-4	99-9	999-9	99-9	99-9	99-9	320-0	999-9	99-9	999-9	999-9	999-
34-9	90-3	11756-0	275-0	-50-4	99-9	999-9	99-9	99-9	99-9	322-2	999-9	99-9	999-9	999-9	999-
37-1	95-5	12172-7	250-0	-54-3	99-9	999-9	99-9	99-9	99-9	325-4	999-9	99-9	999-9	999-9	999-
39-4	100-2	12642-5	225-0	-58-3	99-9	999-9	99-9	99-9	99-9	329-1	999-9	99-9	999-9	999-9	999-
42-1	105-2	13179-9	200-0	-59-5	99-9	999-9	99-9	99-9	99-9	338-6	999-9	99-9	999-9	999-9	999-
45-2	110-1	13624-3	175-0	-57-1	99-9	999-9	99-9	99-9	99-9	353-7	999-9	99-9	999-9	999-9	999-
48-9	116-1	14055-2	150-0	-56-4	99-9	999-9	99-9	99-9	99-9	372-8	999-9	99-9	999-9	999-9	999-
53-1	122-	14747-1	125-0	-61-3	99-9	999-9	99-9	99-9	99-9	374-0	999-9	99-9	999-9	999-9	999-
58-1	131-3	16129-1	100-0	-62-5	99-9	999-9	99-9	99-9	99-9	407-0	999-9	99-9	999-9	999-9	999-
64-4	139-3	17076-0	75-0	-62-0	99-9	999-9	99-9	99-9	99-9	433-0	999-9	99-9	999-9	999-9	999-
72-6	148-0	20626-6	50-0	-61-2	99-9	999-9	99-9	99-9	99-9	460-2	999-9	99-9	999-9	999-9	999-
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE ALFN INTERPOLATED  
 00 BY SLOPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 245  
VICTORIA, TEX6 FEBRUARY 1975  
1615 GMT

TIME MIL	CNTCT	HEIGHT GP4	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CIMP M/SEC	V CIMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	31.0	1019.0	5.6	1.2	160.0	13.4	0.0	-13.4	277.8	288.3	4.1	73.0	0.0	0.
0.6	7.3	186.4	1000.0	3.6	-0.7	999.9	99.9	99.9	99.9	277.3	286.7	3.6	73.4	999.9	999.
1.3	7.3	311.1	975.0	1.4	-0.4	999.9	99.9	99.9	99.9	277.1	286.6	3.7	85.1	999.9	999.
1.9	10.2	594.4	950.0	-0.8	-1.5	2.3	17.6	-0.7	-17.6	276.9	290.2	3.6	94.5	1.5	180.
2.5	12.4	816.3	925.0	4.5	3.2	357.5	16.6	0.7	-16.6	284.6	298.1	5.2	91.1	2.3	181.
3.0	15.0	1038.0	900.0	4.6	4.4	340.8	12.0	4.0	-11.3	287.0	302.3	5.8	98.9	2.9	178.
4.1	16.7	1294.0	875.0	5.1	4.9	305.2	8.7	7.1	-5.0	289.9	306.3	6.2	98.8	3.3	174.
4.9	19.1	1509.2	850.0	5.2	4.2	289.3	8.2	8.7	-3.1	292.4	308.8	6.1	93.4	3.5	168.
5.8	21.3	1749.1	825.0	4.3	3.1	291.0	10.3	9.6	-3.7	293.9	307.2	5.8	92.0	3.8	161.
6.6	23.8	1999.4	800.0	3.1	-1.1	294.7	10.7	9.7	-4.5	295.1	307.2	4.4	73.2	4.2	156.
7.4	26.0	2277.1	775.0	3.3	-3.7	289.8	9.7	9.1	-3.3	298.1	308.7	3.8	59.1	4.6	152.
8.3	28.4	2522.4	750.0	1.6	-6.3	275.7	10.0	10.0	0.6	298.7	307.9	3.2	56.2	4.9	148.
9.2	31.1	2745.8	725.0	2.5	-20.2	261.7	14.3	14.1	2.1	302.3	305.6	1.1	16.7	5.2	141.
10.1	33.8	2974.7	700.0	0.9	-1.6	271.4	18.6	18.6	-0.4	303.7	308.3	1.5	25.6	5.7	133.
11.1	36.2	3170.0	675.0	-0.9	-7.7	273.4	22.0	21.9	-1.5	304.9	311.4	2.2	40.6	6.7	127.
12.1	38.3	3370.2	650.0	-2.9	-14.2	269.2	23.6	21.6	0.3	305.8	310.9	1.7	35.0	7.9	121.
13.2	41.6	3579.8	625.0	-5.1	-13.7	268.8	26.7	26.7	0.7	306.8	313.3	2.1	50.9	9.2	116.
14.1	45.4	3799.7	600.0	-6.6	-15.2	266.4	28.1	28.1	1.8	308.8	315.8	2.0	50.3	10.7	112.
15.3	47.1	4014.1	575.0	-7.6	-20.1	264.4	28.7	28.6	2.5	311.2	317.4	1.3	35.1	12.5	108.
16.4	50.3	4276.6	550.0	-9.9	-21.2	270.0	29.6	29.6	-0.3	312.5	318.6	1.3	39.8	14.4	105.
17.5	52.1	4511.7	525.0	-12.2	-24.7	273.5	30.4	30.3	-1.3	313.8	316.7	0.9	31.6	16.3	103.
18.9	54.1	4746.6	500.0	-15.2	-28.0	273.5	30.5	30.5	-1.9	314.6	317.1	0.8	32.4	18.9	102.
20.3	56.4	4981.4	475.0	-16.5	-35.7	271.1	30.8	30.8	-0.6	317.6	318.9	0.4	17.2	21.4	101.
21.8	62.7	5216.0	450.0	-19.3	-43.3	269.0	30.6	30.6	0.5	319.0	319.6	0.2	9.3	24.0	100.
23.1	65.9	5418.6	425.0	-22.4	-49.9	272.3	33.1	31.0	-1.3	320.3	320.6	0.1	6.1	26.4	99.
24.5	69.3	5600.0	400.0	-26.4	-50.4	272.5	30.3	30.0	-3.9	320.6	320.9	0.1	7.9	29.2	99.
26.0	73.0	5723.2	375.0	-30.3	-55.3	280.2	10.2	24.7	-5.3	321.6	321.8	0.1	6.4	32.1	99.
27.7	76.4	5810.4	350.0	-34.9	-59.9	280.2	15.4	13.9	-10.1	322.8	322.9	0.0	6.4	35.3	99.
29.6	79.7	5874.7	325.0	-38.8	-64.9	280.2	31.9	30.9	-8.1	323.2	323.5	0.1	18.7	38.9	100.
31.6	84.8	5969.2	300.0	-43.1	-69.9	280.2	33.6	32.3	-7.3	324.6	324.6	99.9	99.9	42.9	100.
33.4	89.3	6047.6	275.0	-47.9	-74.9	280.2	45.0	41.4	-12.2	325.4	325.4	99.9	99.9	47.5	101.
35.4	94.8	6126.4	250.0	-52.9	-79.9	280.2	38.3	37.8	-8.2	326.2	326.2	99.9	99.9	53.4	101.
38.3	99.6	6216.5	225.0	-57.9	-84.9	280.2	36.3	36.1	-5.3	326.9	326.9	99.9	99.9	58.6	101.
40.7	103.4	6291.7	200.0	-62.9	-89.9	280.2	16.3	34.8	-10.5	341.3	341.3	99.9	99.9	64.9	101.
43.7	109.5	6367.1	175.0	-67.9	-94.9	280.2	32.8	32.4	-8.2	354.5	354.5	99.9	99.9	70.3	101.
46.6	115.3	6442.8	150.0	-72.9	-99.9	280.2	44.8	44.6	-3.4	367.4	367.4	99.9	99.9	76.8	99.
50.5	122.5	6517.0	125.0	-77.9	-104.9	277.6	36.8	35.8	-8.7	379.6	379.6	99.9	99.9	83.3	99.
54.9	130.0	6594.4	100.0	-82.9	-109.9	277.6	34.8	34.1	-8.2	394.9	394.9	99.9	99.9	93.3	98.
60.8	136.1	6674.0	75.0	-87.9	-114.9	266.4	31.2	31.2	1.7	425.9	425.9	99.9	99.9	107.4	98.
69.0	140.1	6744.4	50.0	-92.9	-119.9	266.4	15.4	15.4	1.4	494.8	494.8	99.9	99.9	118.0	97.
81.2	155.3	6770.1	25.0	-97.9	-124.9	266.4	14.9	14.9	99.9	628.1	628.1	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 200  
STEPHENVILLE, TEX6 FEBRUARY 1975  
1500 GMT

147 23. 0

TIME MIN	CHCT	HEIGHT GPM	PHFS MB	TEMP OC C	DEW PT OC C	WIND DIR	SPEED M/SEC	U COR. M/SEC	V CLMP M/SEC	WIND DIR	WIND SPEED	E POT DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ NG
0.0	7.1	309.0	974.5	-5.0	-8.7	340.0	10.3	3.5	-9.7	270.0	270.0	275.2	2.0	75.0	0.0	0.
0.9	9.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	9.9.
0.1	7.5	435.2	975.0	-5.2	-10.3	340.3	13.1	3.5	-12.6	270.1	270.1	275.0	1.8	67.0	0.2	111.
0.4	10.0	638.2	950.0	-7.7	-11.1	345.0	13.3	3.4	-12.8	269.0	269.0	270.0	1.7	75.7	0.0	163.
1.0	12.1	885.3	925.0	-9.3	-10.1	345.2	11.3	2.9	-10.9	270.1	270.1	275.0	1.9	93.9	1.2	163.
2.4	14.4	1056.5	900.0	-11.4	-11.4	345.2	13.3	3.4	-12.9	270.0	270.0	275.0	1.7	97.0	1.7	165.
7.0	16.5	1723.2	875.0	-9.3	-10.0	341.6	16.7	5.3	-15.9	274.3	274.3	275.5	2.0	90.8	2.3	164.
1.0	18.0	1498.2	850.0	-7.2	-14.6	339.0	17.2	5.9	-16.1	274.4	274.4	282.3	1.9	97.6	3.2	163.
4.6	21.1	1711.9	825.0	-4.7	-16.7	335.2	15.5	6.5	-14.0	281.0	281.0	287.5	1.3	80.1	3.9	162.
5.3	23.6	1474.3	800.0	-4.3	-19.4	327.9	15.2	9.1	-12.1	286.7	286.7	289.7	1.0	79.4	4.9	161.
6.1	26.4	2224.5	775.0	-4.4	-18.3	307.1	17.1	13.7	-10.3	289.2	289.2	292.6	1.2	82.0	5.2	157.
6.0	28.1	2402.6	750.0	-4.7	-26.5	301.3	20.3	17.1	-10.4	291.0	291.0	293.4	0.6	16.2	5.9	152.
7.7	30.8	274.0	725.0	-5.0	-27.4	2.8.7	22.9	20.0	-11.0	294.0	294.0	295.7	0.6	15.3	6.9	147.
4.6	33.4	3072.4	700.0	-7.0	-30.3	293.5	29.3	26.0	-11.3	293.9	293.9	295.3	0.4	14.3	8.0	130.
4.5	35.9	3305.1	675.0	-8.4	-13.0	286.3	32.5	31.5	-8.0	296.4	296.4	302.5	2.1	69.0	9.4	130.
10.3	38.0	1507.0	650.0	-9.0	-19.1	275.0	34.0	33.9	-3.0	308.9	308.9	307.9	1.3	43.0	10.8	132.
11.3	41.2	1400.4	625.0	-10.3	-41.0	271.1	34.9	34.9	-0.7	300.0	300.0	301.2	0.7	5.0	12.4	126.
12.2	44.3	4714.1	600.0	-10.5	-45.9	271.4	35.5	35.5	-0.9	304.0	304.0	304.3	0.1	3.6	14.1	121.
13.2	46.3	5542.1	575.0	-10.2	-34.1	273.0	35.2	35.2	-2.1	308.1	308.1	309.3	0.4	11.9	15.9	118.
14.2	50.0	4447.6	550.0	-13.3	-30.7	272.0	34.3	36.0	-4.7	304.3	304.3	310.1	0.5	21.0	17.9	115.
15.2	52.3	5216.4	525.0	-16.4	-27.5	276.0	40.5	40.2	-4.0	308.0	308.0	311.2	0.8	37.5	20.4	113.
16.2	54.4	5401.3	500.0	-17.3	-29.7	275.0	39.4	43.0	-7.0	313.0	313.0	315.1	0.4	21.6	23.3	109.
17.4	59.3	5487.9	475.0	-19.5	-35.9	279.2	43.6	43.0	-3.9	311.9	311.9	316.1	0.7	33.3	22.7	111.
18.7	62.1	6335.0	450.0	-21.1	-44.1	272.7	46.1	45.7	-6.2	316.7	316.7	317.3	0.2	10.5	28.0	108.
20.0	65.1	6636.0	425.0	-24.3	-47.1	272.2	47.5	47.1	-6.0	317.0	317.0	318.3	0.1	10.0	32.4	107.
21.6	69.3	7243.5	400.0	-27.5	-50.1	275.5	49.0	49.0	-4.7	319.2	319.2	319.5	0.1	5.2	36.5	106.
22.0	72.7	7704.0	375.0	-31.9	-57.9	278.2	53.0	52.9	-7.6	319.3	319.3	319.5	0.0	6.3	40.5	105.
24.0	74.6	9141.7	350.0	-34.6	-55.4	278.5	41.0	41.1	-6.1	319.3	319.3	319.5	0.1	12.0	43.7	104.
25.3	80.6	8655.0	325.0	-41.4	99.7	281.4	51.16	50.1	-10.1	319.7	319.7	319.9	99.9	999.9	47.4	104.
27.7	84.6	9273.9	300.0	-45.0	99.9	283.6	45.86	44.5	-10.4	322.0	322.0	323.7	99.9	999.9	53.2	104.
29.4	88.4	9809.4	275.0	-49.4	99.9	286.0	52.90	51.4	-12.0	323.7	323.7	324.9	99.9	999.9	60.2	104.
31.6	93.9	10477.7	250.0	-53.9	99.9	286.9	54.70	57.1	-17.4	326.0	326.0	326.0	99.9	999.9	68.7	104.
33.0	94.1	11044.9	225.0	-58.1	99.9	278.5	31.30	31.0	-4.6	329.5	329.5	329.5	99.9	999.9	60.5	104.
34.7	103.6	11414.6	200.0	-60.1	99.9	290.5	45.10	41.0	-22.0	337.6	337.6	337.6	99.9	999.9	87.6	104.
39.0	109.3	12070.4	175.0	-57.6	99.9	282.2	67.99	62.4	-14.3	354.9	354.9	354.9	99.9	999.9	99.0	104.
43.4	115.4	13645.2	150.0	-50.0	99.9	274.0	49.50	49.4	-3.5	370.2	370.2	370.2	99.9	999.9	104.4	104.
47.0	127.0	14700.7	125.0	-62.3	99.9	278.2	56.40	55.0	-10.5	382.3	382.3	382.3	99.9	999.9	110.8	103.
53.2	129.3	16152.7	100.0	-63.8	99.9	275.0	61.500	60.0	-10.5	404.5	404.5	404.5	99.9	999.9	110.8	102.
59.9	137.0	17922.9	75.0	-62.1	99.9	175.0	34.40	34.2	-3.4	442.8	442.8	442.8	99.9	999.9	102.5	102.
68.3	144.7	20423.1	50.0	-58.0	99.9	277.3	68.30	67.6	-8.0	505.4	505.4	505.4	99.9	999.9	132.7	101.
81.0	152.3	24744.3	25.0	-59.1	99.9	999.9	99.00	99.9	99.9	615.1	615.1	615.1	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 261  
DUL HTO. TEX  
6 FEBRUARY 1975  
1425 GMT

TIME HR	CNCT	HEIGHT GDM	PRES IN	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U-INDP K	V CUMP M/SEC	PUT T DG K	E POT T DG K	MR RTD GM/KG	RM OCT	RANGE KM	A DG
00.0	7.1	314.0	984.8	4.5	-0.7	360.0	9.3	0.3	-9.3	278.9	280.5	3.7	89.0	0.0	0.
00.9	46.9	99.9	1000.0	99.9	0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.7	0.5	416.6	975.0	2.5	-2.0	1.2	9.8	-0.2	-9.8	278.1	287.0	3.4	72.2	0.3	184.
1.5	10.4	644.0	950.0	0.0	-1.2	356.9	10.5	0.6	-10.5	278.4	288.0	3.7	86.7	0.8	181.
2.2	13.1	453.4	925.0	1.7	-2.6	334.2	10.9	1.1	-10.9	278.6	27.0	3.1	94.4	1.2	174.
2.9	15.3	1077.1	900.0	-3.2	-3.3	348.1	10.0	2.2	-10.5	278.6	287.3	3.1	99.7	1.7	177.
3.6	17.4	1249.7	875.0	-4.6	-4.6	331.1	10.1	4.8	-8.8	279.4	287.6	3.1	101.0	2.3	174.
5.0	20.1	1511.2	850.0	0.3	-18.5	310.2	11.0	4.1	-10.2	287.2	290.3	1.0	21.7	2.9	168.
5.3	22.7	1770.9	825.0	1.0	-15.4	335.9	12.9	5.2	-11.8	289.8	293.8	1.4	28.2	3.6	147.
6.8	25.3	2017.9	800.0	-0.2	-12.2	321.0	12.8	8.0	-9.9	291.2	296.6	1.9	39.7	4.3	164.
7.6	27.7	2271.4	775.0	-1.5	-10.2	298.7	10.8	9.5	-9.1	292.5	299.0	2.3	51.5	4.7	160.
8.5	30.4	2531.9	750.0	1.4	-14.8	287.7	15.2	14.5	-4.6	298.3	303.2	1.6	29.6	5.2	154.
9.0	31.1	2607.1	725.0	1.5	-12.6	280.0	18.0	17.8	-3.1	301.4	307.4	2.0	34.0	5.9	147.
10.5	35.4	3044.7	700.0	-0.5	-12.0	277.2	18.8	18.7	-2.4	302.2	309.6	2.2	41.4	6.7	139.
11.5	38.0	3174.8	675.0	-2.0	-12.2	275.0	19.6	19.7	-1.7	303.7	310.4	2.2	45.4	7.6	133.
12.6	41.3	3478.0	650.0	-3.9	-12.5	267.0	21.0	21.0	-1.1	304.8	311.4	2.2	49.8	8.7	127.
13.8	48.7	3800.0	625.0	-5.1	-14.3	267.4	22.7	22.7	-1.0	306.9	312.0	2.0	48.4	9.9	121.
14.8	52.1	4106.4	600.0	-7.4	-15.9	273.9	23.9	23.9	-0.4	307.8	313.5	1.8	50.4	11.1	117.
15.9	50.1	4617.1	575.0	-9.0	-20.7	273.9	23.5	23.4	-1.6	309.6	313.6	1.3	37.9	12.6	114.
17.0	53.1	5110.1	550.0	-10.7	-36.0	280.3	25.7	25.3	-0.6	311.3	312.5	0.3	1.1	14.0	112.
18.0	55.1	5196.7	525.0	-12.7	-25.1	263.5	27.0	26.3	-0.3	313.2	316.2	0.9	33.9	15.7	111.
19.3	59.7	5737.5	500.0	-14.9	-29.1	262.2	27.3	26.7	-5.8	314.9	317.2	0.7	28.4	17.7	110.
20.7	61.1	6043.4	475.0	-16.8	-36.2	277.5	27.2	27.0	-3.6	317.1	318.4	0.4	16.7	19.9	109.
22.1	70.4	6417.1	450.0	-19.5	-40.7	270.3	25.6	25.6	-0.2	318.8	319.6	0.2	13.0	22.1	108.
23.7	70.1	6417.1	425.0	-23.1	-41.7	274.8	24.2	24.2	-2.0	319.4	320.2	0.2	16.1	24.6	106.
25.1	73.7	7150.4	400.0	-27.0	-43.1	276.4	24.9	24.6	-2.0	319.9	320.6	0.2	19.5	26.4	105.
26.6	77.9	7472.0	375.0	-31.1	-46.0	279.4	27.7	27.3	-4.5	320.4	321.0	0.2	21.2	29.0	105.
28.4	81.3	4337.5	350.0	-35.3	-49.7	286.5	10.6	27.3	-8.7	321.1	321.5	0.1	21.0	31.8	105.
30.1	85.8	6417.5	325.0	-40.1	94.9	290.0	31.2	29.4	-10.7	321.4	999.9	99.9	999.9	35.0	105.
32.0	85.7	2154.5	300.0	-45.1	99.9	289.0	31.8	30.0	-10.3	322.4	999.9	99.9	999.9	42.3	105.
34.1	94.4	9432.4	275.0	-50.3	99.0	289.0	31.8	30.0	-5.2	322.5	999.9	99.9	999.9	49.8	105.
36.1	98.3	13744.4	250.0	-56.2	99.1	281.4	26.2	25.6	-7.7	323.5	999.9	99.9	999.9	55.0	105.
38.4	104.3	11204.4	225.0	-61.9	99.4	284.3	31.0	30.0	-9.6	342.8	999.9	99.9	999.9	61.2	105.
41.2	109.4	11314.4	200.0	-56.9	99.4	285.7	36.7	35.4	-9.0	351.4	999.9	99.9	999.9	68.3	106.
44.0	115.4	12711.7	175.0	-52.7	99.1	288.0	24.1	27.7	-8.5	362.5	999.9	99.9	999.9	76.1	106.
47.5	122.3	13714.7	150.0	-67.5	99.9	308.0	13.8	10.8	-8.3	377.3	999.9	99.9	999.9	84.9	106.
51.1	129.1	16411.7	125.0	-65.0	99.9	282.4	18.6	37.7	-7.4	391.0	999.9	99.9	999.9	92.7	106.
55.6	137.0	16114.1	100.0	-70.8	99.4	287.3	24.0	23.7	-5.2	432.1	999.9	99.9	999.9	101.3	105.
58.7	145.3	17417.2	75.0	-67.1	99.1	281.8	22.0	21.3	-4.4	502.9	999.9	99.9	999.9	111.0	104.
70.4	154.3	21044.1	50.0	-59.7	99.9	284.0	18.1	17.6	-3.3	615.3	999.9	99.9	999.9	111.0	104.
83.7	164.0	16744.1	25.0	-58.9	99.9	280.7	9.9	6.4	3.3						

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TIME MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 265  
MIDLAND, TEX6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT CPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/SEC	PH PCT	RANGE KM	AZ DG
0.0	10.3	873.0	925.5	-2.8	-6.6	20.0	6.7	-2.3	-6.3	276.7	283.4	2.5	75.0	0.0	0.
0.5	99.9	99.9	1700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.5	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
2.0	10.3	877.1	925.0	-2.8	-6.6	21.1	6.6	-2.4	-6.1	276.8	283.4	2.5	74.8	0.0	328.
2.5	13.1	1093.5	900.0	-5.7	-6.9	24.3	6.6	-2.7	-6.0	275.9	282.6	2.5	91.7	0.4	204.
3.0	15.1	1313.5	875.0	-8.0	-8.5	11.6	6.9	-1.4	-6.8	275.8	281.8	2.3	96.2	0.7	201.
3.5	17.5	1538.7	850.0	-8.5	-12.7	11.3	6.7	-1.7	-8.5	277.5	282.1	1.7	71.2	1.0	197.
4.0	19.4	1770.4	825.0	-7.2	-13.0	13.1	12.2	-2.3	-11.8	281.2	285.9	1.7	63.6	1.5	106.
4.5	22.0	2012.4	800.0	-4.4	-13.3	3.8	15.3	-1.0	-15.2	286.7	291.5	1.7	49.8	2.1	194.
5.0	24.6	2262.0	775.0	-5.6	-18.7	319.3	15.4	5.5	-14.4	289.0	291.2	1.1	34.6	3.1	187.
5.5	26.4	2519.2	750.0	-5.3	-22.0	316.2	19.9	13.6	-14.4	290.9	293.5	0.9	25.5	4.0	177.
6.0	29.4	2783.4	725.0	-6.1	-12.0	302.0	20.2	17.1	-10.7	293.0	299.1	2.1	63.2	4.8	167.
6.5	32.1	3017.3	700.0	-7.9	-9.7	289.3	22.1	20.8	-7.3	294.0	301.5	2.6	87.7	5.6	158.
7.0	34.7	3143.6	675.0	-5.9	-10.9	284.8	25.0	24.2	-6.4	299.4	306.6	2.5	67.8	6.6	148.
7.5	37.1	3149.3	650.0	-5.8	-24.0	285.8	23.5	22.6	-6.4	302.5	305.2	0.8	22.0	7.8	140.
8.0	40.0	3440.1	625.0	-6.2	-22.9	291.9	22.9	21.2	-8.5	305.4	308.5	1.0	25.2	9.3	134.
8.5	42.7	4264.9	600.0	-8.9	-23.6	290.9	24.9	23.3	-8.9	305.9	308.9	0.9	29.1	10.9	131.
9.0	45.6	4542.7	575.0	-12.0	-23.6	291.7	26.8	24.9	-9.9	306.0	309.0	1.0	36.7	12.6	128.
9.5	48.3	4910.1	550.0	-14.2	-22.9	294.1	28.9	26.3	-11.8	307.4	310.8	1.1	47.5	14.6	126.
10.0	51.6	5281.7	525.0	-14.4	-24.5	294.0	31.0	28.4	-12.6	311.2	314.4	1.0	42.0	16.8	124.
10.5	54.1	6048.6	475.0	-17.6	-24.5	287.3	35.2	33.6	-10.5	316.2	317.3	0.8	35.9	19.3	123.
11.0	56.1	6443.9	450.0	-20.8	-32.7	285.9	36.6	35.2	-10.0	317.2	319.0	0.5	33.2	24.8	119.
11.5	58.2	6841.2	425.0	-23.9	-37.2	284.2	37.2	34.1	-8.6	318.3	319.6	0.4	27.9	27.9	118.
12.0	61.6	7300.5	400.0	-27.7	-40.0	284.8	37.8	36.6	-9.7	319.0	320.0	0.3	29.4	31.3	116.
12.5	64.3	7701.1	375.0	-31.5	-43.3	282.7	35.6	34.7	-7.8	319.9	320.7	0.2	29.7	34.9	115.
13.0	67.7	8243.9	350.0	-35.0	-45.7	286.2	42.38	40.6	-11.8	321.5	322.2	0.2	32.1	39.2	114.
13.5	70.7	8750.0	325.0	-38.8	-49.0	289.3	46.08	43.4	-15.2	323.1	323.6	0.1	32.8	44.4	113.
14.0	73.5	9302.4	300.0	-43.8	-49.9	289.1	42.59	40.2	-13.9	323.6	323.6	99.9	99.9	48.8	113.
14.5	76.7	9800.9	275.0	-48.5	-49.9	292.6	42.99	39.6	-16.5	325.0	325.0	99.9	99.9	54.4	113.
15.0	79.4	10500.6	250.0	-53.5	-49.9	294.1	47.18	43.0	-19.2	326.5	326.5	99.9	99.9	61.3	113.
15.5	82.1	11109.8	225.0	-58.8	-49.9	293.7	49.46	45.3	-19.9	328.5	328.5	99.9	99.9	68.4	113.
16.0	84.6	11901.4	200.0	-63.7	-49.9	287.3	50.18	47.9	-14.9	331.9	331.9	99.9	99.9	75.8	112.
16.5	87.5	12737.4	175.0	-68.4	-49.9	300.3	35.78	30.8	-18.0	353.2	353.2	99.9	99.9	83.5	113.
17.0	90.7	13711.4	150.0	-60.1	-49.9	285.7	47.98	46.1	-12.9	366.5	366.5	99.9	99.9	91.1	112.
17.5	93.1	14432.7	125.0	-63.1	-49.9	297.1	48.78	43.3	-22.2	380.7	380.7	99.9	99.9	101.5	112.
18.0	95.1	16201.1	100.0	-64.2	-49.9	289.8	37.58	35.3	-12.7	403.6	403.6	99.9	99.9	111.7	113.
18.5	97.5	17942.8	75.0	-62.1	-49.9	288.3	33.28	31.5	-10.4	432.1	432.1	99.9	99.9	122.0	112.
19.0	100.0	20427.0	50.0	-63.0	-49.9	224.2	7.68	5.3	-5.4	495.2	495.2	99.9	99.9	139.4	112.
19.5	102.7	24751.1	25.0	-58.4	-49.9	99.9	99.9	99.9	99.9	617.3	617.3	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 304  
NATERRAS, NC

6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	4.0	1011.2	10.6	7.1	250.0	5.1	4.8	1.7	283.7	299.8	6.3	79.0	0.0	0.
0.3	4.8	90.8	1000.0	9.4	5.6	999.9	99.9	99.9	99.9	283.3	298.1	5.7	77.1	999.9	999.
1.0	6.9	307.3	975.0	12.2	4.6	999.9	99.9	99.9	99.9	280.2	302.6	5.5	59.8	999.9	999.
1.8	9.3	525.0	950.0	11.6	2.3	255.4	11.8	11.4	3.0	289.5	302.3	4.8	52.8	0.9	69.
2.4	11.5	747.7	925.0	10.7	0.5	257.6	12.9	12.6	2.8	290.9	302.5	4.3	49.0	1.4	71.
3.1	13.9	975.3	900.0	8.8	-0.8	262.2	14.4	14.2	2.5	291.1	302.1	4.0	50.7	2.0	73.
3.8	16.1	1207.9	875.0	7.5	-0.6	265.9	17.6	17.5	1.2	292.1	303.6	4.2	56.4	2.6	76.
4.6	18.7	1406.0	850.0	5.8	-3.3	267.8	21.7	21.7	0.9	292.7	302.5	3.5	51.7	3.6	79.
5.3	21.0	1689.8	825.0	4.3	-2.6	268.4	25.1	25.1	0.7	293.7	304.3	3.8	60.7	4.5	81.
6.1	23.6	1939.7	800.0	2.2	-0.1	266.5	30.7	30.7	1.9	294.2	307.2	4.8	84.9	5.8	83.
6.9	26.0	2190.6	775.0	4.7	-12.4	258.5	32.3	31.7	6.8	299.1	304.7	1.9	27.6	7.4	83.
7.8	28.7	2494.5	750.0	5.4	-10.9	253.1	34.6	33.1	10.1	302.8	305.4	2.2	29.7	9.1	81.
8.7	31.4	2740.6	725.0	3.3	-12.6	251.0	35.9	33.9	11.7	303.3	309.3	2.0	30.0	11.1	79.
9.6	34.1	3023.0	700.0	0.8	-14.3	249.9	35.8	33.6	12.3	303.5	309.0	1.8	31.3	13.1	78.
10.6	36.8	3314.3	675.0	-2.0	-15.1	248.9	34.9	32.6	12.6	303.6	308.9	1.7	35.7	15.1	77.
11.4	39.6	3612.9	650.0	-4.7	-17.6	247.5	33.7	31.1	12.9	303.8	308.3	1.5	35.5	16.8	76.
12.4	42.4	3920.6	625.0	-6.7	-20.1	246.5	33.4	30.7	13.3	304.9	308.8	1.2	33.3	18.7	75.
13.3	45.4	4230.0	600.0	-9.0	-18.7	248.1	35.2	32.6	13.1	305.9	310.4	1.5	45.1	20.6	74.
14.4	48.4	4544.2	575.0	-11.3	-19.0	249.5	38.5	36.1	13.5	307.0	311.5	1.5	52.6	22.9	74.
15.3	51.3	4906.4	550.0	-12.9	-20.8	247.5	39.2	36.2	15.0	308.9	313.1	1.3	51.1	25.1	73.
16.4	54.6	5259.8	525.0	-15.1	-24.0	247.0	39.4	36.0	15.9	310.3	313.7	1.0	46.3	27.5	73.
17.5	57.8	5627.3	500.0	-16.8	-27.0	246.1	44.1	40.6	17.2	312.6	315.3	0.8	40.5	30.4	72.
18.7	61.0	6011.1	475.0	-18.6	-31.4	247.8	44.0	40.7	16.6	315.0	316.9	0.6	31.0	33.6	72.
19.6	64.4	6411.7	450.0	-22.0	-34.5	247.3	45.4	41.9	17.6	315.6	317.2	0.4	30.8	36.4	71.
21.0	67.9	6829.1	425.0	-25.6	-37.1	248.4	45.1	41.9	16.6	316.2	317.4	0.4	33.1	39.9	71.
22.3	71.4	7285.7	400.0	-29.0	-40.8	245.4	43.0	39.1	17.9	318.2	319.2	0.3	30.7	43.0	71.
23.7	75.3	7723.9	375.0	-32.7	-43.8	246.9	45.2	41.5	17.7	318.2	319.0	0.2	31.7	46.8	70.
25.1	79.3	8205.9	350.0	-36.5	-46.1	246.6	53.7	49.3	21.3	319.4	320.0	0.2	36.3	51.1	70.
26.8	83.5	8714.8	325.0	-40.7	99.9	244.2	59.8	53.5	25.9	320.6	320.9	99.9	99.9	56.4	70.
28.6	87.8	9254.5	300.0	-45.0	99.9	242.4	55.8	49.3	25.7	321.9	321.9	99.9	99.9	61.9	69.
30.1	92.4	9830.0	275.0	-49.5	99.9	240.8	60.5	52.8	29.5	323.4	323.4	99.9	99.9	68.0	68.
31.8	97.2	10427.8	250.0	-53.9	99.9	999.9	99.9	99.9	99.9	325.9	325.9	99.9	99.9	999.9	999.
33.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
35.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
37.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
39.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
41.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
43.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
45.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
47.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
49.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1450 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/EG	RH PCT	RANGE KM	AZ DG
0.0	0.2	246.0	983.7	7.2	7.2	230.0	3.1	2.4	2.0	282.5	299.1	6.5	100.0	0.0	0.
0.0	0.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	0.0	319.2	975.0	6.4	5.6	286.4	3.4	3.3	-1.0	282.4	297.4	5.9	94.1	0.2	57.
1.0	10.9	532.4	950.0	7.4	3.3	291.6	6.3	5.9	-2.4	285.3	298.7	5.1	75.5	0.3	83.
1.0	13.2	752.0	925.0	6.5	1.9	290.4	11.1	10.4	-3.9	286.6	299.1	4.8	72.5	0.8	99.
2.7	15.5	976.6	900.0	5.5	-0.8	275.2	15.2	15.2	-1.4	287.7	298.5	4.0	64.1	1.5	102.
3.5	17.7	1207.3	875.0	6.4	-9.6	267.5	16.5	16.5	0.7	290.7	296.8	2.1	31.2	2.3	98.
4.5	20.2	1444.5	850.0	5.1	-11.0	266.6	17.2	17.2	1.0	291.7	297.2	1.9	30.1	3.2	98.
5.3	22.3	1697.2	825.0	3.4	-9.6	265.4	19.9	19.8	1.6	292.5	298.8	2.2	37.7	4.1	93.
6.2	24.0	1936.1	800.0	1.7	-12.9	260.8	20.7	20.5	1.3	293.2	298.3	1.8	32.6	5.2	91.
7.2	27.0	2191.2	775.0	0.2	-18.3	251.7	21.8	20.7	6.9	294.2	297.6	1.1	22.6	6.4	88.
8.2	29.6	2453.4	750.0	-1.0	-27.2	249.5	24.0	22.5	8.4	295.6	297.3	0.5	11.5	7.8	85.
9.1	32.1	2722.9	725.0	-2.7	-27.3	246.7	22.3	20.7	9.4	296.9	298.3	0.6	13.0	9.1	82.
10.1	34.8	2999.7	700.0	-5.2	-23.0	246.2	23.3	21.3	9.4	296.9	298.5	0.9	23.4	10.4	80.
11.1	37.2	3284.6	675.0	-6.7	-16.7	251.9	27.6	26.2	8.6	298.3	302.9	1.5	44.7	11.8	78.
12.4	40.6	3578.8	650.0	-7.3	-13.9	255.8	36.2	35.1	8.9	300.9	306.9	2.0	59.3	14.2	78.
13.6	42.6	3893.6	625.0	-9.8	-11.0	253.1	39.0	37.3	11.4	301.9	309.7	2.6	89.0	17.0	78.
14.8	45.4	4198.1	600.0	-11.1	-16.5	250.0	39.1	36.7	13.4	303.5	308.8	1.8	64.6	19.9	77.
16.1	48.4	4525.1	575.0	-10.6	-20.1	246.9	42.24	38.6	16.8	307.8	312.0	1.3	45.4	23.0	76.
17.5	51.1	4866.2	550.0	-12.6	-27.9	246.4	44.09	40.1	18.3	309.1	311.4	0.7	26.4	26.5	74.
18.8	54.3	5219.4	525.0	-15.1	-37.8	246.0	46.06	40.5	17.2	310.3	311.3	0.3	12.6	29.8	73.
20.0	57.1	5586.6	500.0	-17.7	-32.4	247.2	46.54	42.9	18.0	311.8	313.2	0.5	26.2	33.1	73.
21.2	60.3	5967.9	475.0	-21.2	-32.6	247.1	45.74	42.1	17.8	311.8	313.5	0.5	34.6	36.8	72.
22.0	63.6	6345.0	450.0	-24.0	-31.5	245.5	44.88	40.8	16.6	313.1	319.2	0.6	49.7	40.9	72.
24.5	66.9	6779.4	425.0	-27.4	-32.5	243.8	53.56	48.0	23.6	313.9	315.9	0.6	61.5	45.8	71.
26.1	70.3	7213.4	400.0	-33.0	-35.7	245.8	52.98	48.2	21.7	316.0	317.6	0.4	56.8	51.3	70.
27.6	73.9	7659.6	375.0	-33.5	-39.4	246.2	58.88	53.6	23.7	317.3	318.4	0.3	54.8	55.5	70.
29.1	77.7	8150.2	350.0	-37.1	-44.1	244.9	61.39	55.6	26.0	318.6	319.4	0.2	48.0	61.2	69.
30.8	81.5	8638.0	325.0	-41.5	99.9	247.7	52.34	48.3	19.8	319.5	999.9	99.9	999.9	67.0	69.
32.4	85.6	9195.8	300.0	-46.0	99.9	249.5	59.34	55.4	20.8	320.5	999.9	99.9	999.9	72.4	69.
34.5	89.8	9799.0	275.0	-50.4	99.9	249.6	71.44	66.9	23.0	322.3	999.9	99.9	999.9	80.3	69.
36.7	94.6	10394.5	250.0	-55.0	99.9	254.8	53.24	51.3	13.9	324.4	999.9	99.9	999.9	88.2	69.
39.0	99.4	11053.0	225.0	-57.1	99.9	246.6	67.94	62.4	26.9	331.1	999.9	99.9	999.9	95.7	70.
41.4	104.5	11799.1	200.0	-58.2	99.9	238.0	75.34	63.8	39.8	340.7	999.9	99.9	999.9	105.1	69.
44.4	110.2	12637.1	175.0	-53.6	99.9	243.0	55.34	49.3	25.1	361.4	999.9	99.9	999.9	115.9	68.
47.8	116.0	13629.3	150.0	-57.1	99.9	247.0	74.24	68.3	29.0	371.8	999.9	99.9	999.9	128.8	67.
51.0	123.3	14771.4	125.0	-61.1	99.	250.9	62.44	59.0	26.4	384.4	999.9	99.9	999.9	139.9	68.
54.3	131.0	16150.9	100.0	-62.5	99.	240.3	48.44	42.1	24.0	407.0	999.9	99.9	999.9	166.2	68.
62.2	139.3	17928.4	75.0	-62.3	99.9	246.5	21.74	19.9	8.7	442.4	999.9	99.9	999.9	169.4	67.
66.9	148.0	20439.5	50.0	-62.1	99.9	245.7	36.64	33.3	18.0	497.1	999.9	99.9	999.9	182.0	67.
81.0	157.7	24767.5	25.0	-60.3	99.9	255.3	22.64	22.0	5.8	611.8	999.9	99.9	999.9	196.2	68.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1439 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.9	275.0	975.4	5.0	5.0	200.0	5.1	1.7	4.8	280.9	295.2	5.6	100.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	7.9	278.4	975.0	4.9	4.5	210.2	5.7	2.9	4.9	280.7	294.6	5.4	97.6	0.0	13.
1.0	10.2	489.7	950.0	3.2	1.0	252.0	9.0	0.6	2.8	281.0	292.3	4.3	85.6	0.3	52.
1.8	12.3	706.5	925.0	4.8	-4.9	279.8	14.8	1.6	-2.5	284.6	292.4	2.9	49.5	0.9	77.
2.7	14.6	930.7	900.0	5.5	-5.5	284.3	16.8	16.2	-4.1	287.5	295.2	2.8	45.0	1.7	90.
3.5	16.8	1180.2	875.0	3.5	-6.2	281.4	17.4	17.0	-3.4	287.8	295.3	2.7	48.9	2.5	95.
4.4	19.2	1394.5	850.0	1.2	-6.3	275.1	16.9	16.9	-1.5	287.8	295.5	2.8	57.2	3.4	96.
5.1	21.4	1534.4	825.0	0.4	-10.1	265.6	17.1	17.1	1.3	289.3	295.3	2.2	45.2	4.2	95.
6.1	23.9	1680.6	800.0	-0.6	-16.2	260.9	20.7	20.4	3.3	290.7	294.6	1.3	29.6	5.1	92.
6.8	26.1	2134.4	775.0	-0.5	-29.6	262.8	23.8	23.7	3.0	293.3	294.7	0.4	8.8	6.2	91.
7.8	28.7	2395.9	750.0	-1.7	-32.5	257.9	26.2	25.7	5.5	294.8	295.8	0.3	7.3	7.7	89.
8.7	31.3	2664.8	725.0	-3.4	-32.3	254.5	27.4	25.4	7.2	295.8	296.9	0.3	8.4	9.1	87.
9.6	33.9	2941.0	700.0	-5.4	-33.0	253.6	26.3	25.2	7.4	296.6	297.7	0.3	9.2	10.5	85.
10.6	36.4	3225.3	675.0	-7.5	-39.4	257.8	23.7	23.2	5.0	297.3	297.9	0.2	5.9	12.0	84.
11.5	39.2	3518.0	650.0	-9.2	-42.0	256.8	24.0	23.6	4.2	298.6	299.1	0.1	4.9	13.2	83.
12.5	41.6	3820.3	625.0	-10.9	-37.8	256.6	27.3	26.5	6.3	300.0	300.8	0.2	8.8	14.8	83.
13.5	44.7	4132.6	600.0	-13.2	-36.2	255.7	29.5	26.6	7.3	300.8	301.8	0.3	12.4	16.4	82.
14.5	47.6	4454.9	575.0	-15.8	-34.4	256.9	31.7	27.5	7.2	301.5	302.7	0.4	18.5	18.3	81.
15.6	50.5	4788.9	550.0	-17.6	-27.4	257.5	41.2	40.3	9.0	303.2	305.5	0.7	42.2	20.5	81.
16.7	53.5	5136.0	525.0	-19.5	-22.6	254.6	50.4	48.6	13.3	305.0	308.7	1.2	76.2	24.0	80.
18.0	56.5	5497.8	500.0	-21.1	-26.7	251.1	54.88	51.9	17.8	307.4	310.1	0.9	60.3	27.7	79.
19.2	59.7	5875.4	475.0	-23.1	-39.0	248.1	52.54	48.8	19.6	309.3	310.3	0.3	21.7	31.7	78.
20.4	63.1	6269.0	450.0	-26.2	-38.5	251.7	56.79	53.8	17.8	310.3	311.3	0.3	30.1	35.5	77.
21.6	66.3	6680.3	425.0	-28.7	-34.0	254.7	58.99	56.8	15.6	312.2	313.9	0.5	60.3	39.9	77.
23.0	70.0	7112.5	400.0	-31.1	-39.0	252.7	59.48	58.7	17.7	314.5	315.6	0.3	45.2	44.6	76.
24.4	73.6	7566.7	375.0	-34.9	-43.8	245.6	58.84	53.5	24.3	315.4	316.1	0.2	39.4	49.8	76.
25.9	77.4	8044.0	350.0	-39.1	-45.8	245.3	66.24	60.2	27.7	315.9	316.5	0.2	48.6	55.5	75.
27.6	81.2	8547.4	325.0	-43.2	99.9	245.1	71.28	64.6	30.0	317.1	319.9	99.9	99.9	61.7	74.
29.4	85.4	9081.4	300.0	-47.7	99.9	239.3	64.86	55.7	33.1	318.2	319.9	99.9	99.9	68.8	72.
31.3	89.8	9649.6	275.0	-51.6	99.9	243.7	60.84	58.5	27.0	320.6	319.9	99.9	99.9	76.6	71.
33.2	94.6	10262.2	250.0	-55.9	99.9	246.6	45.16	41.4	17.9	323.0	319.9	99.9	99.9	84.8	71.
35.3	99.5	10928.8	225.0	-57.0	99.9	240.5	69.08	60.1	33.9	331.2	319.9	99.9	99.9	92.4	70.
37.6	104.8	11677.3	200.0	-57.0	91.9	245.1	106.28	94.4	44.6	342.6	319.9	99.9	99.9	101.3	69.
40.3	110.6	12540.5	175.0	-52.9	99.9	243.4	53.96	48.2	24.1	362.7	319.9	99.9	99.9	111.0	69.
43.4	116.7	13520.8	150.0	-58.1	99.9	253.5	30.08	28.8	8.5	370.0	319.9	99.9	99.9	125.1	69.
47.1	123.7	14537.7	125.0	-60.3	99.9	241.3	43.68	38.3	21.0	385.9	319.9	99.9	99.9	130.5	68.
51.5	131.0	16044.5	100.0	-62.4	99.9	242.9	48.88	43.5	22.3	407.2	319.9	99.9	99.9	146.8	68.
57.2	139.0	17824.2	75.0	-63.3	99.9	247.9	68.88	63.8	25.9	440.2	319.9	99.9	99.9	157.2	68.
64.9	148.8	20332.6	50.0	-62.7	99.9	242.0	51.96	45.9	24.4	495.7	319.9	99.9	99.9	177.6	68.
70.9	155.0	24594.9	25.0	-61.3	99.9	61.8	61.88	-54.5	-29.2	608.5	319.9	99.9	99.9	186.9	69.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

STATION NO. 327  
NASHVILLE, TENN6 FEBRUARY 1975  
1421 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HK RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	180.0	993.0	1.2	-0.3	320.0	5.1	3.3	-3.9	275.4	285.0	3.8	90.0	0.0	0.
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	6.8	327.0	975.0	0.1	-0.8	321.7	6.2	3.9	-4.9	275.7	285.2	3.7	93.9	0.2	141.
1.4	9.0	534.7	950.0	-1.6	-1.9	306.8	6.6	5.3	-3.9	276.0	285.0	3.5	98.1	0.5	138.
2.1	11.0	746.9	925.0	-1.9	-2.1	294.2	6.4	5.8	-2.6	277.8	286.9	3.5	98.6	0.8	132.
3.0	13.2	964.8	900.0	-3.1	-3.2	283.6	5.1	9.0	-1.2	278.5	287.5	3.4	99.5	1.0	126.
3.6	15.4	1187.5	875.0	-4.5	-4.6	282.4	4.8	4.7	-1.0	279.5	287.7	3.1	99.7	1.2	122.
4.5	17.5	1415.3	850.0	-5.7	-5.7	275.6	7.0	7.0	-0.7	280.6	288.4	2.9	99.7	1.5	117.
5.4	19.9	1649.6	825.0	-5.5	-5.7	270.8	9.6	9.6	-0.1	283.1	291.3	3.0	98.7	1.9	112.
6.1	22.0	1871.0	800.0	-6.1	-7.6	260.5	11.8	11.6	1.9	285.0	292.3	2.7	99.8	2.3	107.
7.0	24.5	2119.2	775.0	-7.6	-13.0	250.1	13.6	12.8	4.7	285.6	290.9	1.8	95.6	2.9	99.
7.8	26.8	2393.8	750.0	-8.7	-15.3	250.4	14.5	13.7	4.9	287.3	291.7	1.5	98.6	3.4	94.
8.8	29.3	2656.0	725.0	-10.0	-17.8	246.7	16.4	15.1	6.5	288.7	293.5	1.3	92.8	4.4	89.
9.6	31.8	2926.1	700.0	-11.2	-19.5	243.9	17.9	16.1	7.9	290.2	293.6	1.2	90.0	5.2	85.
10.5	34.5	3204.4	675.0	-13.1	-18.9	243.7	19.3	17.3	8.6	291.2	294.9	1.3	91.6	6.2	82.
11.5	37.0	3491.2	650.0	-13.8	-18.5	240.3	21.6	18.7	10.7	293.5	299.0	1.9	94.4	7.2	79.
12.6	39.7	3789.9	625.0	-15.0	-16.1	241.1	23.7	20.8	11.5	295.4	300.5	1.7	91.4	8.7	75.
13.6	42.3	4076.8	600.0	-16.8	-16.3	245.8	23.8	21.7	9.7	296.8	301.2	1.8	88.1	10.2	74.
14.6	45.3	4415.3	575.0	-19.0	-21.5	244.9	23.8	21.6	12.1	297.9	301.5	1.2	80.5	11.6	73.
15.7	48.3	4745.1	550.0	-21.3	-25.3	244.8	24.7	22.3	10.5	298.9	301.8	1.0	77.1	13.1	72.
16.7	51.1	5086.5	525.0	-24.1	-27.5	249.1	22.9	21.4	8.2	299.5	301.9	0.8	73.2	14.6	71.
17.7	54.4	5440.6	500.0	-27.3	-30.6	248.9	26.2	24.4	9.4	299.8	301.7	0.6	73.3	16.0	71.
18.8	57.4	5808.4	475.0	-29.7	-33.9	248.4	34.4	32.0	12.7	301.2	302.7	0.5	67.0	18.8	71.
20.4	60.8	6191.8	450.0	-32.3	-36.3	251.1	42.6	40.3	13.8	302.6	303.6	0.3	55.0	21.5	71.
21.8	64.3	6592.6	425.0	-35.1	-40.4	247.5	50.5	46.6	19.3	304.1	305.0	0.3	57.9	25.6	70.
23.2	67.7	7013.5	400.0	-37.1	-40.8	244.0	59.3	53.3	26.0	306.7	307.6	0.3	68.4	29.7	70.
24.4	71.3	7458.8	375.0	-37.7	-40.6	241.6	73.3	64.5	34.8	311.8	312.7	0.3	74.1	35.0	69.
26.1	75.3	7931.9	350.0	-41.0	-49.9	242.3	70.5	62.5	32.8	313.4	309.9	99.9	99.9	42.2	68.
27.8	79.5	8431.2	325.0	-45.3	-49.9	243.7	78.8	70.6	35.0	315.2	309.9	99.9	99.9	49.9	67.
29.6	83.5	8960.1	300.0	-49.8	-49.9	244.7	76.9	69.6	32.8	315.1	309.9	99.9	99.9	58.3	67.
31.4	88.0	9523.1	275.0	-54.1	-49.9	243.7	72.2	64.7	32.0	316.9	309.9	99.9	99.9	66.2	66.
33.3	93.0	10134.9	250.0	-54.1	-49.9	243.8	62.8	58.2	27.9	325.7	309.9	99.9	99.9	73.8	66.
35.4	98.0	10813.0	225.0	-53.3	-49.9	245.8	64.1	58.4	25.3	336.8	309.9	99.9	99.9	82.2	66.
37.9	103.8	11572.5	200.0	-53.4	-49.9	249.1	46.3	43.3	16.5	348.3	309.9	99.9	99.9	91.9	66.
40.5	110.0	12430.1	175.0	-54.2	-49.9	247.6	62.8	58.1	25.0	360.4	309.9	99.9	99.9	97.7	66.
43.8	117.0	13416.1	150.0	-53.5	-49.9	246.9	49.8	45.8	19.5	377.9	309.9	99.9	99.9	109.4	66.
47.1	125.0	14582.2	125.0	-55.4	-49.9	241.3	57.5	50.4	27.6	394.2	309.9	99.9	99.9	117.3	66.
51.1	134.0	15990.5	100.0	-58.4	-49.9	254.2	40.8	38.0	11.0	414.9	309.9	99.9	99.9	128.6	66.
56.1	143.7	17791.8	75.0	-59.3	-49.9	258.3	35.2	34.2	9.2	448.6	309.9	99.9	99.9	137.6	66.
62.6	154.5	20325.5	50.0	-61.7	-49.9	248.2	12.0	11.2	4.5	498.2	309.9	99.9	99.9	147.8	67.
72.0	166.0	24591.0	25.0	-62.8	-49.9	282.3	9.8	9.6	-2.1	604.0	309.9	99.9	99.9	199.2	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 340  
LITTLE ROCK, ARK  
6 FEBRUARY 1975  
1500 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.1	79.0	1012.9	-2.2	-0.5	290.0	0.2	5.8	-2.1	270.3	270.2	2.3	72.0	0.0	0.
0.3	5.9	100.5	1000.0	-0.0	-0.0	315.7	10.6	11.6	-11.9	269.4	274.5	2.0	68.0	0.2	99.
1.1	8.2	378.0	975.0	-0.0	-0.0	312.3	13.6	9.9	-9.3	269.6	274.8	2.0	80.3	0.8	120.
2.0	10.5	582.7	950.0	-0.0	-0.5	310.4	0.3	5.8	-0.2	269.4	274.9	2.1	95.4	1.3	129.
2.9	12.7	789.5	925.0	-0.1	-0.4	330.1	9.7	3.9	-0.9	270.3	275.8	2.0	97.9	1.7	130.
3.6	15.1	1001.7	900.0	-0.7	-0.2	352.1	11.0	1.5	-10.9	272.8	278.3	2.1	96.5	2.1	140.
4.3	17.3	1220.4	875.0	-0.9	-0.5	350.0	10.3	0.9	-10.3	275.3	281.4	2.3	101.4	2.5	146.
5.1	19.0	1445.1	850.0	-0.2	-0.2	335.7	9.6	3.9	-8.7	276.8	282.8	2.2	100.1	2.9	149.
5.9	22.1	1676.0	825.0	-0.1	-0.1	319.3	10.4	6.0	-7.9	278.2	283.9	2.1	100.5	3.4	149.
6.9	24.7	1913.3	800.0	-0.9	-0.0	310.8	11.0	0.1	-8.6	282.0	288.6	2.4	99.9	4.0	147.
7.7	27.0	2160.1	775.0	-0.3	-0.6	310.0	12.0	0.6	-8.3	285.2	291.7	2.4	90.7	4.6	146.
8.6	29.7	2410.4	750.0	-0.4	-0.9	302.1	11.0	10.0	-6.3	286.6	292.8	2.2	89.1	5.3	144.
9.5	32.4	2675.0	725.0	-0.8	-1.3	293.6	12.7	11.4	-5.1	287.8	293.1	1.9	80.7	6.8	141.
10.4	35.1	2945.0	700.0	-1.0	-1.8	290.8	14.4	13.2	-5.0	289.7	293.3	1.2	54.9	6.5	138.
11.3	37.8	3223.9	675.0	-1.2	-1.9	290.8	16.0	14.7	-8.1	291.6	295.1	1.2	55.1	7.4	135.
12.2	40.5	3511.6	650.0	-1.3	-2.3	290.6	17.6	15.5	-8.4	293.3	296.0	0.9	43.7	8.5	133.
13.0	43.3	3808.3	625.0	-1.5	-2.8	290.4	18.9	16.9	-8.4	294.4	296.2	0.6	33.1	9.7	131.
14.7	46.3	4110.4	600.0	-1.6	-3.2	291.1	20.2	18.8	-7.3	294.8	296.1	0.4	27.8	10.9	129.
15.9	49.4	4430.3	575.0	-2.1	-3.9	290.2	20.5	19.2	-7.1	295.4	298.2	0.3	26.8	12.2	127.
17.1	52.3	4750.4	550.0	-2.3	-4.4	287.5	21.5	20.5	-6.4	297.4	298.0	0.2	20.0	15.1	123.
18.4	55.4	5094.3	525.0	-2.5	-4.8	287.3	21.5	20.5	-6.4	297.4	298.0	0.2	20.0	15.1	123.
19.5	58.6	5440.9	500.0	-2.6	-5.0	278.8	20.3	20.0	-4.0	300.2	300.7	0.1	17.0	16.5	119.
20.6	61.9	5815.4	475.0	-2.9	-5.4	278.8	33.0	32.9	-2.6	301.5	301.9	0.1	17.6	18.3	119.
21.9	65.3	6190.5	450.0	-3.1	-5.9	269.1	40.3	40.3	0.7	303.1	303.4	0.1	18.7	20.9	118.
23.0	68.7	6601.5	425.0	-3.2	-6.5	262.8	47.7	47.3	0.0	305.2	305.5	0.1	19.3	23.6	112.
24.6	72.3	7028.7	400.0	-3.2	-6.9	261.0	57.4	56.7	9.0	309.2	309.6	0.1	21.6	28.2	106.
26.3	76.1	7472.3	375.0	-3.5	-7.1	260.9	69.0	68.1	11.0	311.9	312.3	0.1	22.6	34.1	102.
27.9	80.1	7947.5	350.0	-3.7	-7.4	259.1	60.5	67.3	13.0	315.6	315.9	99.9	99.9	40.1	98.
29.6	84.0	8450.4	325.0	-4.0	-7.9	260.4	77.6	76.5	12.9	317.5	317.5	99.9	99.9	47.5	95.
31.7	88.2	8980.8	300.0	-4.3	-8.0	261.5	67.3	66.6	10.0	320.9	320.9	99.9	99.9	56.1	93.
33.3	92.0	9545.3	275.0	-4.7	-8.9	263.0	60.3	63.2	6.1	323.9	323.9	99.9	99.9	62.8	92.
35.4	97.4	10107.4	250.0	-5.1	-9.4	263.0	45.4	44.8	0.5	325.6	325.6	99.9	99.9	70.4	91.
37.6	102.2	10670.9	225.0	-5.2	-9.9	260.4	45.4	44.8	7.6	330.0	330.0	99.9	99.9	77.2	91.
40.2	107.0	11631.9	200.0	-5.3	-9.9	250.8	50.2	48.9	11.5	349.9	349.9	99.9	99.9	84.9	89.
42.9	113.5	12492.7	175.0	-5.2	-9.9	250.8	60.9	59.3	13.9	360.4	360.4	99.9	99.9	91.8	88.
45.9	119.0	13477.5	150.0	-5.0	-9.9	260.0	55.9	56.0	5.0	375.3	375.3	99.9	99.9	104.6	87.
49.5	126.0	14643.1	125.0	-5.6	-9.9	243.1	28.0	24.9	12.7	394.3	394.3	99.9	99.9	111.1	87.
53.9	134.7	16059.4	100.0	-5.1	-9.9	250.7	37.0	36.9	7.4	421.3	421.3	99.9	99.9	120.8	86.
59.4	147.7	17877.8	75.0	-5.1	-9.9	245.5	25.9	21.5	0.0	449.0	449.0	99.9	99.9	130.5	85.
66.0	151.5	20112.0	50.0	-6.0	-9.9	280.2	15.1	14.7	-3.7	495.0	495.0	99.9	99.9	141.6	86.
77.7	161.0	24710.6	25.0	-6.4	-9.9	260.2	12.0	12.0	0.4	613.0	613.0	99.9	99.9	183.0	86.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MOWETTE, MO

6 FEBRUARY 1975  
1514 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	430.0	970.5	-11.6	-14.2	310.0	7.2	5.3	-0.6	264.0	267.4	1.3	81.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	9.2	602.1	950.0	-11.9	-13.8	314.5	6.9	4.9	-0.6	265.3	268.9	1.4	85.3	0.3	140.
1.3	11.2	805.7	925.0	-13.8	-15.5	318.5	7.5	5.0	-0.6	265.7	269.5	1.5	100.4	0.6	139.
2.0	13.5	1013.4	900.0	-13.2	-15.2	320.0	9.9	5.3	-0.4	266.0	269.5	1.3	103.8	1.0	139.
2.6	15.6	1227.6	875.0	-13.0	-13.0	337.7	12.7	6.8	-11.7	270.4	274.7	1.6	104.5	1.5	145.
3.6	17.7	1440.0	850.0	-12.4	-12.4	335.7	9.8	4.1	-9.0	273.3	277.9	1.7	102.2	2.1	140.
4.5	20.1	1677.4	825.0	-11.4	-11.4	314.5	8.7	6.2	-0.1	276.8	282.0	1.9	100.2	2.6	140.
5.3	22.3	1913.0	800.0	-13.0	-13.0	310.0	8.6	6.5	-5.6	277.5	283.3	1.8	101.1	3.0	146.
6.2	24.6	2155.9	775.0	-10.7	-11.5	308.3	9.1	7.1	-5.6	282.6	288.3	2.1	94.6	3.4	143.
7.1	27.0	2400.1	750.0	-9.6	-10.8	285.0	7.4	7.2	-0.4	286.5	292.7	2.2	90.3	3.9	141.
8.0	29.5	2670.6	725.0	-9.6	-12.3	273.4	6.3	6.2	-0.4	289.2	294.9	2.0	80.7	4.2	137.
9.1	32.3	2940.0	700.0	-11.7	-14.1	264.6	6.0	6.0	-0.6	289.8	295.0	1.8	81.9	4.4	134.
10.0	34.6	3210.5	675.0	-13.6	-16.0	269.3	8.9	8.9	0.1	290.6	295.2	1.6	82.4	4.7	130.
11.3	37.3	3500.7	650.0	-15.6	-18.0	274.9	10.1	10.1	-0.9	291.5	295.6	1.4	81.5	5.2	125.
12.3	40.1	3799.5	625.0	-17.0	-19.7	277.7	11.5	11.4	-1.6	292.3	296.0	1.3	84.4	5.8	122.
13.4	42.6	4103.7	600.0	-20.2	-23.0	280.8	13.7	13.5	-2.6	292.9	295.9	1.0	78.3	6.7	119.
14.5	45.6	4417.0	575.0	-22.0	-26.0	283.2	14.8	14.6	-3.4	293.4	296.1	0.9	85.3	7.6	117.
15.6	48.7	4742.5	550.0	-24.0	-28.0	281.0	14.0	14.6	-2.0	294.7	296.7	0.6	89.5	8.7	115.
17.0	51.5	5070.8	525.0	-28.1	-33.0	281.4	13.4	13.2	-2.7	294.7	296.1	0.4	82.7	9.7	114.
18.4	54.7	5420.6	500.0	-31.4	-38.0	286.1	13.9	13.3	-3.9	294.7	295.6	0.3	52.0	10.7	112.
19.7	57.0	5787.7	475.0	-34.2	-43.2	291.9	15.3	14.2	-5.7	295.6	296.2	0.2	39.1	11.9	112.
21.0	61.1	6163.3	450.0	-37.7	-46.1	297.3	16.7	16.0	-5.0	295.8	296.2	0.1	40.7	13.2	112.
22.3	64.7	6550.8	425.0	-40.9	-49.9	278.2	18.4	18.2	-2.6	296.7	298.9	99.9	99.9	14.6	111.
23.7	68.6	6964.1	400.0	-44.4	-53.4	275.1	18.5	18.4	-1.6	297.3	299.9	99.9	99.9	16.1	110.
25.2	71.6	7393.0	375.0	-48.3	-57.3	275.3	18.4	18.4	-1.7	297.7	299.9	99.9	99.9	17.6	108.
26.7	75.6	7843.7	350.0	-51.7	-60.9	279.6	18.4	18.2	-3.1	299.0	299.9	99.9	99.9	19.3	107.
28.3	79.7	8323.1	325.0	-52.4	-62.4	275.0	22.1	22.0	-2.2	304.4	299.9	99.9	99.9	21.1	107.
30.2	83.8	8844.6	300.0	-54.4	-64.4	274.7	29.0	28.9	-2.4	315.8	299.9	99.9	99.9	24.0	105.
32.2	88.2	9410.0	275.0	-58.5	-68.5	278.5	26.4	26.1	-3.9	325.0	299.9	99.9	99.9	27.5	104.
34.4	93.2	10041.4	250.0	-60.9	-70.9	274.3	26.9	26.8	-2.0	331.9	299.9	99.9	99.9	30.9	103.
37.0	98.2	10730.8	225.0	-69.6	-79.6	272.1	29.6	29.6	-1.1	342.2	299.9	99.9	99.9	35.1	102.
39.5	103.5	11490.7	200.0	-82.3	-92.3	271.4	31.7	31.7	-0.8	349.9	299.9	99.9	99.9	39.3	101.
42.6	109.0	12357.5	175.0	-84.1	-94.1	271.6	33.1	33.1	-0.9	360.7	299.9	99.9	99.9	43.5	100.
45.9	116.3	13308.4	150.0	-83.6	-93.6	273.9	30.3	30.3	-2.0	372.7	299.9	99.9	99.9	51.8	99.
49.7	124.0	14519.3	125.0	-84.1	-94.1	273.9	27.9	27.8	-4.9	397.1	299.9	99.9	99.9	59.6	98.
54.2	132.5	15951.4	100.0	-85.3	-95.3	272.0	25.0	25.0	-1.2	421.0	299.9	99.9	99.9	67.1	98.
60.1	141.7	17770.6	75.0	-84.5	-94.5	265.6	20.4	20.4	1.6	480.7	299.9	99.9	99.9	77.1	97.
67.5	152.0	20310.8	50.0	-82.8	-92.8	268.8	24.3	24.4	-0.6	495.5	299.9	99.9	99.9	87.4	96.
75.0	164.0	24000.8	25.0	-80.3	-90.3	271.0	26.3	26.3	-0.8	611.5	299.9	99.9	99.9	101.0	97.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 402  
WALLOPS ISLAND, VA6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/RG	RH PCT	RANGE KM	AZ DG
0.0	5.2	4.0	1007.0	7.2	5.5	999.9	99.9	99.9	99.9	200.5	294.9	5.6	89.0	999.9	999.9
0.2	5.0	61.5	1000.0	6.5	5.1	999.9	99.9	99.9	99.9	200.4	294.4	5.5	90.7	999.9	999.9
1.0	8.1	260.8	975.0	4.6	4.4	999.9	99.9	99.9	99.9	200.5	294.2	5.4	98.2	999.9	999.9
1.9	10.4	481.1	950.0	6.0	1.6	999.9	99.9	99.9	99.9	203.9	295.8	4.5	72.9	999.9	999.9
2.7	12.6	100.5	925.0	7.1	1.0	999.9	99.9	99.9	99.9	207.1	298.1	4.5	65.4	999.9	999.9
3.9	15.1	925.4	900.0	5.6	-0.7	999.9	99.9	99.9	99.9	207.8	298.7	4.0	63.6	999.9	999.9
4.5	17.4	1155.5	875.0	4.1	-2.3	999.9	99.9	99.9	99.9	208.6	298.3	3.7	62.9	999.9	999.9
5.4	19.9	1190.8	850.0	2.8	-4.5	999.9	99.9	99.9	99.9	209.4	298.3	3.2	58.6	999.9	999.9
6.4	22.3	1032.0	825.0	1.6	-7.2	999.9	99.9	99.9	99.9	200.7	298.2	2.7	51.8	999.9	999.9
7.4	25.0	1079.5	800.0	0.1	-7.3	999.9	99.9	99.9	99.9	201.6	299.3	2.0	57.4	999.9	999.9
8.3	27.4	2133.4	775.0	-1.5	-6.3	999.9	99.9	99.9	99.9	202.5	299.9	2.6	59.7	999.9	999.9
9.4	30.2	2193.9	750.0	-2.8	-11.4	999.9	99.9	99.9	99.9	203.8	299.9	2.1	51.2	999.9	999.9
10.4	33.0	2081.5	725.0	-4.9	-18.6	999.9	99.9	99.9	99.9	206.2	297.9	1.2	33.1	999.9	999.9
11.4	35.7	2037.3	700.0	-5.3	-42.8	999.9	99.9	99.9	99.9	206.6	297.0	0.1	3.3	999.9	999.9
12.3	38.6	3121.6	675.0	-7.2	-43.6	999.9	99.9	99.9	99.9	207.5	297.9	0.1	3.5	999.9	999.9
13.3	41.4	3114.2	650.0	-9.5	-44.6	999.9	99.9	99.9	99.9	208.2	298.5	0.1	3.8	999.9	999.9
14.4	44.4	3016.4	625.0	-10.8	-36.1	999.9	99.9	99.9	99.9	300.1	301.1	0.3	10.4	999.9	999.9
15.6	47.6	4129.1	600.0	-12.0	-32.3	999.9	99.9	99.9	99.9	301.3	302.7	0.4	17.6	999.9	999.9
16.7	50.7	4452.6	575.0	-14.6	-35.7	999.9	99.9	99.9	99.9	302.8	303.9	0.3	14.7	999.9	999.9
17.8	53.9	4787.8	550.0	-16.6	-28.4	999.9	99.9	99.9	99.9	304.5	306.6	0.7	35.0	999.9	999.9
19.0	57.1	5136.4	525.0	-18.4	-24.2	999.9	99.9	99.9	99.9	306.4	309.7	1.0	60.0	999.9	999.9
20.3	60.4	5499.0	500.0	-21.1	-27.2	999.9	99.9	99.9	99.9	307.4	311.1	1.2	82.7	999.9	999.9
21.6	64.2	5376.3	475.0	-22.7	-31.9	999.9	99.9	99.9	99.9	309.9	311.7	0.5	42.3	999.9	999.9
23.1	67.7	6272.6	450.0	-23.8	-37.5	999.9	99.9	99.9	99.9	313.3	314.5	0.3	26.8	999.9	999.9
24.5	71.4	6567.4	425.0	-27.2	-39.2	999.9	99.9	99.9	99.9	315.1	315.1	0.3	30.8	999.9	999.9
26.1	75.5	7121.3	400.0	-30.4	-40.5	999.9	99.9	99.9	99.9	315.5	316.5	0.3	35.9	999.9	999.9
27.7	79.7	7577.1	375.0	-33.6	-43.6	999.9	99.9	99.9	99.9	316.9	317.4	0.2	28.1	999.9	999.9
29.3	83.8	8057.5	350.0	-37.5	-50.0	999.9	99.9	99.9	99.9	318.1	318.5	0.1	25.3	999.9	999.9
31.2	88.2	8164.5	325.0	-41.8	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.9
33.1	93.0	9101.5	300.0	-46.1	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.9
35.0	97.8	9574.2	275.0	-51.0	99.9	999.9	99.9	99.9	99.9	321.4	999.9	99.9	999.9	999.9	999.9
37.1	103.0	10287.9	250.0	-54.7	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
39.5	108.8	10959.0	225.0	-55.8	99.9	999.9	99.9	99.9	99.9	333.0	999.9	99.9	999.9	999.9	999.9
42.1	114.8	11711.5	200.0	-53.2	99.9	999.9	99.9	99.9	99.9	348.5	999.9	99.9	999.9	999.9	999.9
44.9	121.0	12579.2	175.0	-53.1	99.9	999.9	99.9	99.9	99.9	362.2	999.9	99.9	999.9	999.9	999.9
48.0	128.0	13565.6	150.0	-56.1	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.9
51.7	135.7	14714.0	125.0	-60.2	99.9	999.9	99.9	99.9	99.9	380.0	999.9	99.9	999.9	999.9	999.9
56.3	143.0	16113.5	100.0	-58.5	99.9	999.9	99.9	99.9	99.9	418.7	999.9	99.9	999.9	999.9	999.9
61.7	151.0	17892.2	75.0	-64.1	99.9	999.9	99.9	99.9	99.9	430.6	999.9	99.9	999.9	999.9	999.9
66.4	159.7	20604.4	50.0	-63.1	99.9	999.9	99.9	99.9	99.9	444.9	999.9	99.9	999.9	999.9	999.9
81.0	168.7	24685.1	25.0	-60.5	99.9	999.9	99.9	99.9	99.9	611.1	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 409  
STERLING, VA

6 FEBRUARY 1971  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTU CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.6	85.0	995.1	2.0	2.0	190.0	5.1	0.9	5.0	276.1	287.4	4.5	100.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	8.3	249.4	975.0	0.5	0.5	222.5	7.3	4.9	5.3	276.1	286.5	4.1	101.9	0.2	21.
1.4	10.6	459.4	950.0	4.3	-2.1	250.5	9.6	9.1	3.2	282.0	291.2	3.5	63.4	0.6	43.
2.4	12.9	676.4	925.0	4.2	-3.4	267.7	13.5	13.5	0.5	284.0	292.7	3.2	57.7	1.1	64.
3.2	15.3	899.7	900.0	3.8	-2.8	273.2	13.8	13.8	-0.8	285.9	295.2	3.8	62.0	1.8	75.
4.2	17.6	1127.9	875.0	1.9	-2.8	275.7	15.9	15.8	-1.8	286.2	295.6	3.6	71.0	2.6	81.
5.0	20.1	1361.0	850.0	-0.0	-5.1	277.3	18.4	18.2	-2.3	286.5	294.8	3.1	68.5	3.4	85.
5.9	22.4	1600.1	825.0	-0.4	-8.4	277.4	22.1	22.0	-2.9	288.5	295.3	2.8	54.6	4.5	88.
6.7	25.0	1855.8	800.0	-1.6	-12.0	278.3	25.5	25.2	-3.7	289.7	295.1	1.9	45.8	5.6	90.
7.4	27.4	2097.9	775.0	-3.0	-15.3	275.1	24.3	24.2	-2.2	290.0	295.1	1.5	38.0	6.9	91.
8.5	30.1	2356.7	750.0	-4.7	-16.4	266.4	23.2	23.2	1.5	291.7	295.8	1.4	39.1	8.2	92.
9.5	32.8	2622.5	725.0	-6.8	-17.2	258.3	24.3	23.8	4.9	292.2	296.2	1.4	43.0	9.6	98.
10.4	35.5	2895.6	700.0	-8.9	-17.3	253.8	24.7	23.7	6.8	292.8	297.0	1.4	50.4	11.0	88.
11.3	38.1	3175.9	675.0	-11.2	-18.9	252.6	24.9	23.7	7.4	293.2	298.9	1.3	52.7	12.3	86.
12.5	40.8	3464.3	650.0	-13.7	-20.1	252.9	24.2	23.1	7.1	293.6	297.2	1.2	58.3	14.0	45.
13.6	43.0	3761.0	625.0	-16.1	-22.7	250.0	24.3	22.8	8.3	294.1	297.1	1.0	56.4	15.4	84.
14.7	46.0	4067.0	600.0	-18.3	-31.1	245.4	25.5	23.2	10.6	295.0	296.5	0.5	31.5	17.2	82.
15.9	49.9	4383.4	575.0	-20.7	-40.8	246.8	27.0	24.8	10.8	295.7	296.4	0.2	14.7	19.0	80.
17.2	52.9	4710.5	550.0	-23.4	-44.0	250.0	28.9	25.4	9.9	296.3	296.4	0.0	1.0	20.7	79.
18.4	55.9	5048.8	525.0	-26.3	-64.7	250.9	34.7	32.8	11.3	296.8	296.8	0.0	1.0	23.2	79.
19.8	59.3	5400.3	500.0	-28.0	-67.9	248.7	36.8	31.2	13.4	298.8	298.8	0.0	1.0	25.8	77.
21.0	62.6	5769.0	475.0	-28.1	-67.9	250.6	46.4	43.8	15.4	303.2	303.2	0.0	1.0	28.8	77.
22.3	65.9	6136.1	450.0	-29.5	-53.3	250.2	57.9	54.5	19.7	306.1	306.3	0.1	8.2	33.0	76.
23.9	69.6	6522.3	425.0	-31.8	-48.6	246.1	61.8	54.5	25.0	308.2	308.6	0.1	17.1	39.0	75.
25.5	73.0	6988.5	400.0	-34.8	-45.8	246.8	66.9	61.5	26.3	309.7	310.3	0.2	31.1	44.6	73.
27.1	77.0	7436.6	375.0	-37.2	-49.2	249.1	68.9	64.4	24.5	312.3	312.7	0.1	27.2	51.0	73.
28.9	80.9	7910.5	350.0	-40.4	-49.9	248.6	76.1	70.8	27.8	314.3	314.3	99.9	99.9	59.4	72.
30.8	85.1	8411.6	325.0	-44.3	-49.9	244.2	72.8	65.5	31.7	315.6	315.6	99.9	99.9	68.0	72.
32.6	89.2	8943.1	300.0	-48.7	-49.9	243.6	84.5	75.7	37.6	316.7	316.7	99.9	99.9	75.1	71.
34.7	93.8	9509.2	275.0	-53.1	-49.9	243.0	87.1	79.0	30.5	318.4	318.4	99.9	99.9	86.1	70.
36.9	98.4	10123.1	250.0	-52.5	-49.9	242.2	86.7	79.0	31.1	320.0	320.0	99.9	99.9	93.6	69.
39.2	103.4	10801.6	225.0	-52.9	-49.9	241.3	72.5	63.6	34.8	337.4	337.4	99.9	99.9	101.4	68.
41.7	109.0	11561.3	200.0	-53.5	-49.9	240.1	45.0	42.4	16.2	348.0	348.0	99.9	99.9	113.1	68.
45.0	116.8	12422.1	175.0	-53.1	-49.9	246.7	49.0	45.7	19.7	362.3	362.3	99.9	99.9	124.4	68.
48.2	121.0	13410.7	150.0	-54.7	-49.9	232.3	25.0	20.1	15.5	375.9	375.9	99.9	99.9	134.5	68.
52.2	126.3	14575.3	125.0	-55.5	-49.9	249.9	49.0	46.0	16.8	394.5	394.5	99.9	99.9	145.8	68.
54.3	130.0	15979.2	100.0	-60.0	-49.9	231.4	30.2	23.6	18.8	411.8	411.8	99.9	99.9	157.2	67.
61.6	143.7	17770.9	75.0	-61.6	-49.9	246.0	77.0	71.4	30.7	443.7	443.7	99.9	99.9	164.5	67.
68.7	152.0	20280.8	50.0	-63.7	-49.9	50.5	6.2	-8.3	-3.1	493.3	493.3	99.9	99.9	172.1	67.
79.1	161.0	24533.6	25.0	-62.2	-49.9	99.9	99.9	99.9	99.9	605.9	605.9	99.9	99.9	99.9	99.9

0.07 SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 18 DEG

0.07 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0.07 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 425  
MUNTINGTON, DVA

6 FEBRUARY 1975  
1015 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR MTD GM/KG	MM PCT	RANGE KM	AZ DG
0.0	7.3	246.0	981.4	2.8	1.8	280.0	5.1	5.0	-0.9	278.0	288.8	4.2	88.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	7.8	269.0	975.0	2.2	-0.0	999.0	99.9	99.9	99.9	277.0	287.9	3.9	85.5	999.9	999.9
0.9	10.1	508.2	950.0	0.3	-1.8	999.0	99.9	99.9	99.9	277.9	287.6	3.6	91.2	999.9	999.9
1.7	12.5	721.6	925.0	-1.5	-2.1	250.5	10.8	10.6	2.1	278.3	287.5	3.6	95.8	0.8	87.
2.3	14.5	939.7	900.0	-2.6	-3.2	250.7	10.4	10.1	2.4	277.2	285.0	3.4	95.6	1.2	83.
3.1	16.4	1162.9	875.0	-3.7	-4.2	245.8	12.3	12.2	1.1	280.4	288.8	3.2	98.0	1.7	82.
3.7	17.7	1391.5	850.0	-4.6	-5.1	270.0	14.4	14.4	-0.0	281.7	289.9	3.1	96.2	2.2	84.
4.4	21.2	1627.0	825.0	-4.4	-5.0	260.0	14.4	14.4	0.5	284.3	292.9	3.2	98.0	2.7	85.
5.1	23.6	1869.1	800.0	-5.8	-7.3	262.7	12.8	12.7	1.6	285.3	292.0	2.8	89.0	3.3	85.
5.8	25.9	2117.3	775.0	-7.4	-8.5	257.3	12.9	12.6	2.8	286.2	293.3	2.6	91.3	3.8	84.
6.4	28.5	2372.2	750.0	-9.0	-9.8	258.1	13.9	13.6	2.9	287.1	293.8	2.4	93.6	4.4	83.
7.2	31.1	2633.8	725.0	-10.8	-11.6	260.7	14.6	14.4	2.4	287.9	293.9	2.2	93.6	5.0	83.
7.9	33.0	2913.1	700.0	-12.3	-13.1	260.2	14.6	14.4	2.5	289.0	294.7	2.0	93.8	5.6	83.
8.6	34.3	3160.8	675.0	-12.6	-13.5	257.4	14.8	14.4	3.2	291.7	296.0	1.0	98.1	6.2	82.
9.4	39.1	3468.3	650.0	-13.8	-14.3	258.1	17.7	17.3	3.6	293.4	295.1	0.6	28.0	7.8	82.
10.2	41.8	3765.2	625.0	-16.0	-16.4	258.4	21.3	20.8	4.3	294.1	295.4	0.4	22.9	9.0	81.
11.0	44.7	4071.6	600.0	-18.0	-17.6	258.1	19.9	19.4	4.1	295.3	296.1	0.2	16.0	9.2	81.
11.9	47.8	4388.2	575.0	-20.3	-19.5	260.1	20.6	20.3	3.5	296.2	296.7	0.1	10.4	10.0	81.
12.8	50.7	4718.0	550.0	-22.8	-21.9	262.8	23.4	23.3	2.9	297.1	297.4	0.1	9.9	11.3	81.
13.7	53.0	5055.2	525.0	-25.5	-24.7	263.0	24.3	24.1	3.0	297.7	298.1	0.1	11.7	12.5	81.
14.6	56.9	5407.1	500.0	-28.3	-27.6	264.2	24.2	24.1	2.4	298.4	298.6	0.1	12.1	13.8	81.
15.6	60.3	5772.7	475.0	-31.3	-30.5	265.6	28.0	27.9	2.1	299.2	299.5	0.1	14.5	15.3	82.
16.5	63.9	6153.3	450.0	-34.3	-33.6	266.1	32.7	32.6	2.2	300.1	300.4	0.1	15.2	17.0	82.
17.5	67.4	6550.9	425.0	-37.3	-36.5	266.2	42.6	42.6	2.8	301.2	301.4	0.1	14.6	19.4	83.
18.6	70.9	6966.6	400.0	-40.0	-39.9	265.4	44.5	44.3	3.7	303.0	303.9	99.9	999.9	22.1	83.
19.8	74.8	7406.2	375.0	-42.2	-41.9	268.1	52.3	51.5	9.0	305.8	305.9	99.9	999.9	26.0	83.
21.0	79.0	7870.1	350.0	-44.5	-44.3	252.6	62.0	59.2	18.5	308.7	309.9	99.9	999.9	29.6	83.
22.1	83.2	8365.1	325.0	-46.3	-46.3	248.4	72.4	67.3	26.7	312.8	309.9	99.9	999.9	34.3	81.
23.5	87.4	8893.5	300.0	-49.5	-49.5	248.4	74.7	71.4	28.2	315.6	309.9	99.9	999.9	40.4	79.
25.1	92.2	9460.1	275.0	-51.3	-51.3	248.9	77.8	68.0	29.0	321.0	309.9	99.9	999.9	47.5	77.
26.7	97.2	10076.3	250.0	-52.8	-52.8	245.0	57.9	57.5	24.4	327.6	309.9	99.9	999.9	53.5	76.
28.3	102.4	10750.8	225.0	-50.2	-50.2	247.6	54.4	50.3	20.5	341.6	309.9	99.9	999.9	59.0	75.
30.3	108.3	11533.1	200.0	-49.5	-49.5	248.1	53.4	49.6	19.9	354.4	309.9	99.9	999.9	64.0	74.
32.6	114.5	12404.2	175.0	-51.9	-51.9	248.1	55.2	50.5	22.4	364.2	309.9	99.9	999.9	73.1	74.
35.0	121.0	13393.7	150.0	-55.5	-55.5	248.1	53.9	47.4	21.0	374.5	309.9	99.9	999.9	80.5	73.
38.2	128.7	14565.4	125.0	-54.8	-54.8	231.1	43.3	33.7	27.2	395.7	309.9	99.9	999.9	89.2	72.
41.5	136.5	15986.5	100.0	-55.1	-55.1	251.2	42.3	40.0	13.6	421.4	309.9	99.9	999.9	98.0	71.
46.3	144.3	17809.0	75.0	-56.7	-56.7	258.1	31.7	31.0	6.5	454.1	309.9	99.9	999.9	106.2	71.
52.3	153.0	20354.0	50.0	-61.0	-61.0	242.2	29.9	27.9	10.6	499.8	309.9	99.9	999.9	116.8	71.
61.5	161.7	24449.1	25.0	-62.4	-62.4	999.9	99.9	99.9	99.9	685.8	309.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1415 GMT

TIME M14	CUTCF	HEIGHT GMM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
00.0	7.0	208.0	974.0	-0.2	-2.0	280.0	0.1	0.0	-0.7	275.4	203.0	3.3	85.0	0.0	0.
00.5	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
01.0	99.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
01.5	9.3	504.1	950.0	-1.6	-2.0	260.7	9.9	9.9	0.2	276.0	204.0	3.4	94.3	0.4	01.
1.0	11.3	713.5	925.0	-4.0	-4.0	270.1	10.1	10.1	-0.0	275.1	202.7	2.9	98.7	0.0	06.
2.0	13.0	931.0	900.0	-5.0	-5.0	269.1	10.0	10.0	0.2	276.0	203.2	2.0	98.6	1.3	07.
3.0	15.3	1131.5	875.0	-7.2	-7.0	270.5	10.7	10.7	-0.1	276.0	203.1	2.5	98.5	1.7	08.
3.5	17.3	1377.0	850.0	-8.5	-8.7	272.7	11.6	11.6	-0.5	277.8	203.7	2.3	98.4	2.3	09.
4.0	19.7	1608.1	825.0	-9.9	-10.1	271.3	10.6	10.6	-0.2	278.4	200.1	2.1	98.2	3.0	09.
5.0	21.7	1860.2	800.0	-8.5	-8.7	271.0	10.7	10.7	-0.3	282.4	200.1	2.5	98.4	3.3	09.
6.0	24.0	2092.5	775.0	-9.1	-9.3	266.1	10.4	10.4	0.7	284.3	201.0	2.4	98.3	3.0	09.
7.0	26.2	2306.2	750.0	-10.0	-10.2	266.0	12.3	12.3	0.9	286.1	202.5	2.3	98.2	4.0	09.
7.5	28.5	2607.2	725.0	-11.5	-11.0	266.9	12.5	12.5	0.7	287.1	203.1	2.1	97.1	5.0	09.
8.0	31.0	2875.5	700.0	-13.1	-13.4	267.5	12.9	12.9	0.6	288.2	203.7	1.9	97.7	5.7	09.
9.0	33.5	3132.0	675.0	-14.0	-17.3	263.2	13.2	13.1	1.6	289.2	203.0	1.6	88.5	6.3	09.
10.0	35.9	3437.1	650.0	-15.5	-17.3	257.6	14.7	14.9	3.2	291.0	200.0	1.5	85.0	7.1	07.
11.0	38.0	3732.6	625.0	-17.3	-20.0	253.5	16.0	15.4	4.0	292.8	204.5	1.3	79.6	7.9	06.
12.0	41.0	4037.4	600.0	-19.1	-23.3	251.9	15.2	14.5	4.7	294.0	207.0	1.0	69.3	8.9	05.
13.0	43.0	4332.3	575.0	-21.7	-37.0	252.1	17.0	16.2	5.2	294.5	205.4	0.3	21.6	9.9	04.
14.0	46.7	4678.3	550.0	-24.1	-37.4	249.3	17.6	16.5	6.2	295.5	200.4	0.3	27.0	10.9	02.
15.0	49.7	5015.8	525.0	-26.9	-38.2	249.1	17.6	16.4	6.3	296.1	207.0	0.3	33.1	12.0	01.
16.0	52.5	5305.8	500.0	-29.5	-42.0	249.1	17.9	16.9	6.3	297.0	207.0	0.2	26.7	13.3	00.
17.0	55.0	5729.7	475.0	-32.4	-50.0	252.0	18.4	17.6	5.4	297.0	200.0	0.1	14.1	14.6	79.
18.0	58.7	6108.2	450.0	-35.0	-52.2	252.5	16.0	16.0	5.1	298.2	200.5	0.1	16.5	15.0	79.
19.0	62.1	6502.5	425.0	-39.4	-59.9	256.3	18.6	18.1	4.4	298.5	200.5	99.9	99.9	17.2	78.
20.0	65.0	6814.3	400.0	-43.3	-69.9	259.0	18.0	18.3	3.3	298.7	200.9	99.9	99.9	18.9	78.
21.0	69.0	7105.1	375.0	-46.6	-69.9	258.5	17.1	16.8	3.4	299.9	200.9	99.9	99.9	20.3	78.
22.0	72.7	7709.6	350.0	-51.0	-69.9	259.0	18.3	18.0	3.3	300.0	200.9	99.9	99.9	22.0	78.
23.0	76.7	8110.7	325.0	-54.0	-69.9	256.4	19.0	19.1	4.6	301.1	200.9	99.9	99.9	23.0	79.
24.0	80.9	8708.0	300.0	-55.2	-69.9	253.6	25.7	24.6	7.3	307.5	200.9	99.9	99.9	26.0	78.
25.0	85.3	9306.6	275.0	-52.9	-69.9	251.1	33.1	31.3	10.7	318.7	200.9	99.9	99.9	29.3	78.
26.0	90.0	9901.1	250.0	-52.9	-69.9	248.7	35.6	33.1	12.9	327.4	200.9	99.9	99.9	33.3	77.
27.0	95.0	10601.0	225.0	-52.0	-69.9	251.1	36.7	34.7	11.9	337.7	200.9	99.9	99.9	38.7	76.
28.0	100.3	11401.0	200.0	-53.5	-69.9	247.0	38.5	35.6	14.5	348.1	200.9	99.9	99.9	44.6	75.
29.0	106.3	12250.6	175.0	-53.3	-69.9	249.7	41.1	38.6	14.2	362.0	200.9	99.9	99.9	51.7	74.
30.0	112.7	13251.0	150.0	-53.9	-69.9	244.1	38.5	34.6	16.0	377.2	200.9	99.9	99.9	59.3	73.
31.0	119.7	14425.5	125.0	-53.6	-69.9	241.3	35.7	31.3	17.2	358.0	200.9	99.9	99.9	66.2	72.
32.0	127.7	15859.3	100.0	-50.0	-69.9	248.4	36.3	35.6	14.1	423.4	200.9	99.9	99.9	76.0	71.
33.0	136.3	17673.0	75.0	-50.1	-69.9	259.9	32.6	32.1	9.7	446.9	200.9	99.9	99.9	88.5	71.
34.0	144.7	20211.5	50.0	-59.9	-69.9	250.3	29.2	27.9	5.9	502.3	200.9	99.9	99.9	101.7	72.
35.0	153.5	20470.0	25.0	-63.1	-69.9	99.0	99.0	99.0	99.0	603.6	200.9	99.9	99.9	99.9	99.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILL4 FEBRUARY 1975  
1501 GMT

TIME M14	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR STD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.0	175.0	999.0	-0.7	-9.6	310.9	0.0	0.7	-3.7	267.0	271.8	1.9	00.0	0.0	0.
0.0	99.0	99.0	1000.0	-0.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	7.0	341.0	975.0	-0.0	-10.0	299.1	10.0	0.7	-0.9	266.5	270.9	1.7	05.2	0.3	122.
1.4	10.1	541.5	950.0	-11.1	-11.6	297.1	10.7	0.5	-0.9	266.1	270.4	1.6	95.7	0.0	120.
2.3	12.1	745.0	925.0	-12.5	-12.6	305.3	10.9	0.8	-0.3	266.0	270.8	1.6	98.5	1.4	119.
3.0	14.6	956.0	900.0	-9.4	-9.6	312.0	9.5	7.1	-0.4	272.1	277.5	2.0	98.2	1.0	122.
3.0	10.8	1174.9	875.0	-0.4	-0.6	314.5	9.2	6.6	-0.5	275.4	281.4	2.3	97.9	2.3	124.
4.0	19.2	1399.0	850.0	-0.7	-0.0	310.7	10.0	7.1	-0.1	277.3	283.3	2.3	97.9	2.7	126.
5.5	21.0	1631.1	825.0	-0.5	-0.0	310.8	11.1	7.2	-0.5	270.8	280.7	2.2	96.0	3.3	120.
6.1	23.9	1809.0	800.0	-0.9	-11.6	319.5	9.4	6.1	-7.1	251.9	287.3	2.0	00.0	3.7	130.
7.0	20.3	2114.9	775.0	-9.5	-14.9	314.4	9.5	6.8	-0.6	283.0	289.1	1.5	64.5	4.1	130.
8.0	20.9	2307.2	750.0	-12.0	-15.5	310.1	11.0	7.3	-0.2	283.7	289.0	1.5	75.4	4.7	131.
9.0	31.0	2525.7	725.0	-14.2	-15.0	315.0	11.0	8.2	-0.5	280.1	288.7	1.6	94.2	5.3	132.
9.8	30.3	2892.3	700.0	-11.7	-10.1	303.0	12.0	10.5	-7.0	280.7	293.5	1.3	50.5	6.0	132.
10.6	30.0	3170.7	675.0	-12.5	-20.5	295.3	13.1	11.0	-5.6	291.0	295.1	1.1	50.9	6.7	131.
11.6	30.6	3457.0	650.0	-14.7	-22.9	287.0	13.3	12.0	-3.0	292.5	295.3	0.9	49.5	7.4	129.
12.7	42.2	3753.7	625.0	-16.0	-25.4	280.0	13.0	13.2	-2.3	293.2	295.6	0.8	47.3	4.1	126.
13.7	05.1	4059.1	600.0	-19.0	-25.1	276.1	13.7	13.6	-1.5	294.2	296.7	0.8	50.4	8.9	123.
14.0	40.1	4374.4	575.0	-21.6	-27.1	274.4	13.1	13.0	-1.0	294.8	297.0	0.7	60.0	9.0	121.
16.0	51.0	4700.1	550.0	-24.4	-28.7	271.2	12.4	12.4	-0.9	295.2	297.2	0.6	67.4	10.5	119.
17.2	54.1	5037.3	525.0	-27.0	-30.0	268.6	11.1	11.1	0.3	295.5	297.2	0.5	64.5	11.2	117.
18.4	57.3	5386.7	500.0	-30.4	-32.1	263.0	11.0	11.7	1.3	296.0	297.7	0.3	65.6	12.7	113.
19.6	00.5	5748.9	475.0	-33.3	-37.5	264.3	11.0	11.9	-1.0	296.7	297.7	0.3	50.7	13.6	111.
21.0	00.0	6120.3	450.0	-36.3	-42.0	271.2	13.0	13.0	-0.3	297.5	298.2	0.2	99.9	14.6	110.
22.3	01.3	6519.9	425.0	-39.7	-45.9	268.1	14.7	14.7	0.5	298.1	299.9	99.9	99.9	15.9	108.
23.7	70.8	6931.0	400.0	-43.0	-49.9	265.4	17.4	17.3	1.4	299.2	299.9	99.9	99.9	17.2	106.
25.2	70.6	7302.0	375.0	-47.0	-49.9	260.6	16.0	5.0	2.6	299.4	299.9	99.9	99.9	18.6	103.
26.7	70.5	7615.6	350.0	-51.0	-49.9	254.9	16.2	15.6	4.2	299.9	299.9	99.9	99.9	20.0	101.
28.0	82.5	8292.7	325.0	-55.4	-49.9	248.9	15.0	14.0	5.4	300.3	299.9	99.9	99.9	21.0	99.
30.2	00.7	8893.2	300.0	-53.1	-49.9	251.7	21.6	20.3	0.0	310.6	299.9	99.9	99.9	21.0	99.
32.3	01.2	9367.4	275.0	-50.0	-49.9	248.0	26.2	24.3	9.8	321.6	299.9	99.9	99.9	24.1	95.
34.5	00.0	9908.4	250.0	-49.9	-49.9	252.9	31.7	30.3	9.3	331.9	299.9	99.9	99.9	27.5	92.
36.9	101.0	10477.0	225.0	-50.7	-49.9	252.7	31.1	29.7	9.2	340.9	299.9	99.9	99.9	31.0	89.
39.4	100.5	11446.1	200.0	-50.7	-49.9	254.3	31.9	30.7	0.6	352.4	299.9	99.9	99.9	36.7	87.
42.3	112.2	12311.0	175.0	-53.0	-49.9	259.6	30.5	37.9	7.0	362.5	299.9	99.9	99.9	42.1	85.
45.7	110.3	13206.0	150.0	-53.0	-49.9	250.0	30.6	29.0	7.0	377.3	299.9	99.9	99.9	48.0	84.
49.0	125.5	14075.0	125.0	-54.1	-49.9	254.7	28.2	27.2	7.4	397.9	299.9	99.9	99.9	50.6	83.
54.3	133.0	15010.1	100.0	-53.6	-49.9	248.6	30.5	28.4	11.2	421.1	299.9	99.9	99.9	64.3	82.
60.4	140.0	17751.0	75.0	-56.9	-49.9	253.9	36.2	34.8	10.0	433.7	299.9	99.9	99.9	74.0	80.
67.0	140.7	20294.0	50.0	-59.9	-49.9	260.7	17.0	17.0	0.1	502.5	299.9	99.9	99.9	87.9	81.
70.6	154.7	24597.1	25.0	-61.5	-49.9	264.1	20.1	20.0	2.1	600.3	299.9	99.9	99.9	101.0	82.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 451  
DODGE CITY, KAN  
6 FEBRUARY 1975  
1535 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	791.0	933.8	-15.0	-17.8	300.0	4.1	3.6	-2.0	263.4	266.0	1.0	79.0	0.0	0.
99.9	99.9	999.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	12.4	862.8	925.0	-15.0	-21.0	999.9	99.9	99.9	99.9	264.1	266.2	0.8	60.1	99.9	99.9
1.0	14.7	1069.4	900.0	-16.1	-21.4	999.9	99.9	99.9	99.9	265.0	266.9	0.7	61.0	99.9	99.9
1.7	16.7	1281.6	875.0	-14.8	-21.6	999.9	99.9	99.9	99.9	268.5	270.6	0.8	56.2	99.9	99.9
2.5	19.2	1501.8	850.0	-13.0	-19.9	339.3	16.2	5.7	-15.2	272.7	275.2	0.9	56.1	1.9	157.
3.2	21.3	1731.4	825.0	-9.4	-16.2	336.8	18.2	7.1	-16.7	278.9	282.4	1.3	57.5	2.6	157.
3.9	23.7	1969.6	800.0	-8.9	-15.9	338.7	21.3	7.7	-19.9	281.9	285.7	1.4	56.5	3.5	157.
4.7	26.0	2215.4	775.0	-9.2	-19.3	336.2	22.1	8.9	-20.2	284.0	287.1	1.1	43.8	4.5	158.
5.5	28.6	2468.8	750.0	-10.1	-23.2	331.8	21.5	10.2	-19.0	285.7	288.0	0.8	33.4	5.5	157.
6.3	31.1	2729.0	725.0	-12.1	-24.4	327.7	20.7	11.0	-17.5	286.3	288.4	0.7	35.0	6.6	156.
7.1	33.7	2996.4	700.0	-13.9	-29.2	328.3	21.0	11.0	-17.9	287.2	288.7	0.5	25.8	7.6	155.
8.1	36.2	3271.4	675.0	-16.3	-34.1	327.5	21.3	11.5	-18.0	287.4	288.4	0.3	19.8	8.7	156.
9.0	38.9	3554.5	650.0	-17.6	-36.0	324.7	23.2	13.4	-19.0	289.0	289.9	0.3	18.3	10.0	153.
9.9	41.4	3846.9	625.0	-19.8	-37.7	319.3	23.3	15.2	-17.6	289.8	290.6	0.2	18.5	11.3	152.
10.9	44.3	4148.7	600.0	-22.0	-39.5	316.0	23.2	16.1	-16.7	290.6	291.3	0.2	18.6	12.6	150.
12.0	47.2	4460.4	575.0	-24.3	-41.3	310.7	24.0	18.2	-15.7	291.6	292.1	0.2	18.8	14.0	148.
13.0	50.2	4783.1	550.0	-26.5	-43.1	307.3	24.3	19.4	-14.8	292.7	293.2	0.2	18.9	15.5	147.
14.1	53.0	5117.5	525.0	-29.1	-45.2	306.2	22.6	18.2	-13.4	293.4	293.9	0.1	19.1	17.0	145.
15.3	56.0	5464.8	500.0	-31.6	-47.3	315.3	24.1	17.0	-17.1	294.5	294.9	0.1	19.3	18.6	143.
16.4	59.1	5826.5	475.0	-33.3	-48.7	327.3	26.6	14.4	-22.4	296.7	297.0	0.1	19.4	20.2	143.
17.6	62.5	6205.7	450.0	-34.6	-49.8	334.4	29.0	12.5	-26.1	299.7	300.0	0.1	19.5	22.3	144.
18.9	65.8	6603.4	425.0	-36.6	-51.4	335.4	25.7	10.7	-23.4	302.1	302.4	0.1	19.7	24.3	145.
20.2	69.3	7020.9	400.0	-39.7	-54.9	335.4	25.3	10.5	-23.0	303.4	303.9	99.9	99.9	26.3	146.
21.6	72.6	7458.5	375.0	-43.4	-59.9	336.5	25.8	10.3	-23.7	304.1	304.9	99.9	99.9	28.3	146.
22.9	76.5	7918.8	350.0	-47.2	-64.9	333.3	25.2	11.7	-22.4	305.1	305.9	99.9	99.9	30.5	147.
24.4	80.4	8408.0	325.0	-48.5	-68.9	333.3	26.1	11.7	-23.3	309.9	309.9	99.9	99.9	32.6	147.
26.1	84.5	8931.4	300.0	-50.6	-69.9	327.2	28.7	15.5	-24.1	314.0	314.0	99.9	99.9	35.4	148.
28.1	88.6	9497.5	275.0	-50.1	-69.9	321.4	31.8	21.0	-26.4	322.7	322.7	99.9	99.9	39.4	148.
30.2	93.3	10122.2	250.0	-50.9	-69.9	306.8	31.5	25.2	-18.9	330.4	330.4	99.9	99.9	42.9	146.
32.5	98.0	10803.4	225.0	-54.6	-69.9	303.0	35.5	29.8	-19.3	334.9	334.9	99.9	99.9	47.4	146.
35.1	103.0	11567.1	200.0	-51.5	-69.9	306.0	38.4	31.1	-22.6	351.3	351.3	99.9	99.9	53.3	142.
38.2	108.6	12431.3	175.0	-52.9	-69.9	295.9	41.1	37.0	-17.9	362.7	362.7	99.9	99.9	59.5	139.
41.8	114.8	13422.2	150.0	-54.8	-69.9	298.9	34.3	30.0	-16.6	375.7	375.7	99.9	99.9	64.1	137.
46.1	121.3	14587.7	125.0	-54.8	-69.9	304.5	31.3	25.8	-17.7	395.8	395.8	99.9	99.9	75.5	135.
51.1	128.7	16002.8	100.0	-58.4	-69.9	302.2	24.3	20.6	-12.9	415.0	415.0	99.9	99.9	83.8	134.
57.9	136.7	17805.7	75.0	-59.6	-69.9	278.1	21.9	21.9	-3.1	448.1	448.1	99.9	99.9	92.2	132.
64.6	144.7	20348.4	50.0	-59.5	-69.9	282.7	4.7	4.6	-1.0	503.4	503.4	99.9	99.9	102.4	128.
76.5	153.0	24829.7	25.0	-61.4	-69.9	274.7	12.1	12.1	-1.0	608.0	608.0	99.9	99.9	112.8	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN6 FEBRUARY 1975  
1415 GMT

TIME MIN	CMTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	154 15. 0	
														RANGE KM	AZ DG
0.0	6.2	268.0	999.6	-13.9	-16.1	310.0	10.3	7.9	-6.6	259.8	262.6	1.1	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.0	418.9	975.0	-15.5	-19.1	999.9	99.9	99.9	99.9	259.7	261.9	0.9	73.6	999.9	999.9
1.3	10.2	614.6	950.0	-17.0	-19.3	999.9	99.9	99.9	99.9	260.0	262.3	0.9	82.2	999.9	999.9
1.9	12.3	814.2	925.0	-18.6	-19.8	343.1	12.4	3.6	-11.9	260.4	262.7	0.9	89.8	1.1	144.
2.5	14.6	1018.7	900.0	-17.7	-19.3	0.1	11.9	-0.0	-11.9	263.3	265.8	0.9	87.4	1.5	154.
3.2	16.7	1220.8	875.0	-16.9	-17.7	355.4	10.0	0.8	-10.0	266.4	269.3	1.1	92.9	2.0	161.
3.9	19.0	1448.0	850.0	-15.1	-15.5	343.2	11.8	3.4	-11.3	270.5	274.1	1.3	96.5	2.4	161.
4.7	21.3	1674.7	825.0	-13.1	-14.2	348.6	11.8	2.3	-11.6	274.9	279.1	1.5	91.6	3.0	162.
5.5	23.7	1908.8	800.0	-13.9	-14.3	348.1	12.4	2.6	-12.2	276.5	280.7	1.6	97.2	3.6	163.
6.4	26.0	2149.7	775.0	-14.8	-15.2	340.0	10.5	3.6	-9.9	278.1	282.2	1.5	96.8	4.1	164.
7.2	28.5	2398.5	750.0	-13.2	-13.8	327.0	10.7	5.8	-9.0	282.4	287.3	1.8	95.8	4.7	163.
8.0	31.0	2658.3	725.0	-11.1	-14.4	316.6	10.7	7.3	-7.8	287.5	292.3	1.7	76.7	5.2	160.
8.9	33.7	2927.4	700.0	-12.5	-18.1	312.6	11.5	8.5	-7.8	288.8	293.3	1.6	74.4	5.7	158.
9.7	36.1	3204.2	675.0	-14.3	-17.9	312.1	12.9	9.6	-8.6	290.8	293.8	1.4	74.4	6.2	158.
10.6	38.8	3489.4	650.0	-16.4	-19.9	313.2	13.2	9.7	-9.1	290.5	294.1	1.2	74.5	6.9	153.
11.5	41.3	3783.4	625.0	-18.6	-22.7	313.4	13.7	10.0	-9.4	291.3	294.2	1.0	70.0	7.6	151.
12.5	44.2	4086.5	600.0	-21.0	-25.1	311.1	13.9	10.5	-9.1	291.9	294.3	0.8	69.3	8.4	149.
13.4	47.1	4399.4	575.0	-23.4	-27.6	308.7	12.6	9.8	-7.9	292.6	294.7	0.7	68.6	9.1	148.
14.4	50.1	4723.0	550.0	-26.1	-30.2	302.1	12.1	10.2	-6.4	293.1	294.9	0.6	68.4	9.8	146.
15.5	52.9	5057.9	525.0	-28.8	-32.6	298.4	13.5	11.9	-6.4	293.8	295.3	0.5	69.1	10.5	144.
16.7	55.9	5405.0	500.0	-31.6	-35.6	296.9	14.0	12.5	-6.3	294.4	295.6	0.4	67.8	11.4	142.
18.1	59.1	5765.4	475.0	-35.0	-40.0	301.2	15.4	13.2	-8.0	294.7	295.5	0.2	59.9	12.5	140.
19.4	62.5	6140.3	450.0	-38.1	-43.1	296.8	13.6	12.1	-6.1	295.3	296.0	0.2	58.6	13.6	138.
20.9	65.8	6531.1	425.0	-41.4	-46.9	292.1	15.3	13.8	-6.8	296.0	296.9	99.9	99.9	14.8	136.
22.3	69.3	6939.5	400.0	-44.9	-49.9	293.2	13.4	12.2	-5.7	296.7	297.9	99.9	99.9	16.0	135.
23.8	72.9	7367.3	375.0	-48.8	-52.9	293.1	11.5	10.4	-4.9	297.9	299.9	99.9	99.9	16.9	133.
25.4	76.8	7816.8	350.0	-52.6	-56.9	308.6	12.3	9.9	-7.4	297.9	299.9	99.9	99.9	18.1	133.
26.9	80.7	8292.0	325.0	-55.6	-59.9	315.3	14.8	11.8	-11.9	300.0	299.9	99.9	99.9	19.4	132.
28.5	85.0	8802.3	300.0	-55.4	-59.9	309.1	17.9	13.9	-11.3	310.2	299.9	99.9	99.9	21.1	133.
30.6	89.2	9364.6	275.0	-51.2	-59.9	305.5	21.1	17.0	-12.5	321.1	299.9	99.9	99.9	23.9	132.
32.7	94.0	9982.9	250.0	-52.1	-59.9	309.9	23.5	18.3	-14.7	328.7	299.9	99.9	99.9	26.6	132.
35.4	98.8	10664.4	225.0	-51.0	-59.9	288.4	19.7	18.7	-6.2	340.4	299.9	99.9	99.9	29.9	130.
38.0	104.0	11431.7	200.0	-51.3	-59.9	290.8	23.5	23.8	-9.0	351.6	299.9	99.9	99.9	33.4	128.
41.5	110.2	12299.2	175.0	-52.1	-59.9	292.1	22.3	22.5	-9.1	363.9	299.9	99.9	99.9	36.2	126.
44.9	116.3	13293.3	150.0	-54.0	-59.9	284.4	24.0	23.3	-6.0	377.1	299.9	99.9	99.9	42.3	124.
49.3	123.3	14462.7	125.0	-52.8	-59.9	291.8	24.9	23.1	-9.2	399.5	299.9	99.9	99.9	49.2	122.
54.5	131.0	15897.0	100.0	-55.5	-59.9	288.3	24.9	20.8	-6.9	420.5	299.9	99.9	99.9	55.7	121.
60.6	139.0	17723.3	75.0	-57.9	-59.9	283.4	20.3	19.7	-14.7	481.6	299.9	99.9	99.9	64.2	119.
68.7	147.3	20276.1	50.0	-60.2	-59.9	274.2	17.9	17.8	-1.3	501.6	299.9	99.9	99.9	73.3	117.
80.7	155.7	24569.6	25.0	-64.2	-59.9	282.3	23.2	22.6	-5.0	600.6	299.9	99.9	99.9	87.3	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 496  
FORT TOTTEN, N Y6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	WIGHT GPM	PHLS MM	TEMP DG C	DEW PT DG C	DIA DG	SPFDD M/SEC	U CLIMP A/SEC	V CCOMP M/SEC	POT T DG K	E PUT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.6	8.0	1002.2	4.5	-1.5	999.3	99.9	99.9	99.9	277.9	286.8	3.4	65.0	999.9	999.9
0.0	5.7	26.0	1000.0	4.6	-2.1	999.9	99.9	99.9	99.9	278.2	286.8	3.3	61.9	999.9	999.9
0.6	7.7	211.9	975.0	2.8	-1.6	999.9	99.9	99.9	99.9	278.4	287.4	3.5	72.9	999.9	999.9
1.3	9.9	441.5	950.0	0.8	-0.4	999.9	99.9	99.9	99.9	278.5	288.3	3.6	89.1	999.9	999.9
2.0	11.9	855.4	925.0	-0.6	-1.0	999.9	99.9	99.9	99.9	279.2	289.2	3.9	97.1	999.9	999.9
2.6	14.2	1749.7	900.0	-1.0	-1.5	999.9	99.9	99.9	99.9	280.9	290.9	3.8	96.4	999.9	999.9
3.6	16.2	1049.6	875.0	-0.8	-1.7	999.9	99.9	99.9	99.9	283.4	293.6	3.9	93.5	999.9	999.9
4.4	18.5	1311.1	850.0	-1.6	-2.4	999.9	99.9	99.9	99.9	295.0	294.9	3.7	92.5	999.9	999.9
5.1	20.8	1568.7	825.0	-2.7	-3.7	999.9	99.9	99.9	99.9	286.2	295.7	3.5	92.4	999.9	999.9
6.0	23.1	1912.1	800.0	-4.2	-5.0	999.9	99.9	99.9	99.9	287.0	296.0	3.3	94.4	999.9	999.9
7.4	25.5	2062.3	775.0	-5.3	-6.9	999.9	99.9	99.9	99.9	288.5	296.6	3.0	88.5	999.9	999.9
7.8	27.9	2319.5	750.0	6.0	-8.3	999.9	99.9	99.9	99.9	290.4	298.0	2.7	83.6	999.9	999.9
8.6	30.5	2585.0	725.0	-6.6	-10.9	999.9	99.9	99.9	99.9	292.5	299.0	2.3	71.2	999.9	999.9
9.5	33.1	2858.4	700.0	-8.3	-14.6	999.9	99.9	99.9	99.9	293.5	298.6	1.8	60.7	999.9	999.9
10.4	35.7	3139.7	675.0	-10.6	-16.1	999.9	99.9	99.9	99.9	294.0	298.6	1.6	63.6	999.9	999.9
11.3	38.3	3428.8	650.0	-13.0	-18.8	999.9	99.9	99.9	99.9	294.4	298.4	1.3	61.3	999.9	999.9
12.4	41.0	3726.5	625.0	-15.3	-20.8	999.9	99.9	99.9	99.9	295.0	298.5	1.2	62.6	999.9	999.9
13.5	43.9	4033.9	600.0	-17.4	-24.2	999.9	99.9	99.9	99.9	296.0	298.7	0.9	55.1	999.9	999.9
14.6	46.3	4351.1	575.0	-20.0	-29.6	999.9	99.9	99.9	99.9	296.6	298.4	0.6	42.2	999.9	999.9
15.7	49.3	4679.0	550.0	-22.9	-30.0	999.9	99.9	99.9	99.9	296.9	298.7	0.6	52.3	999.9	999.9
16.9	52.4	5014.1	525.0	-25.7	-30.5	999.9	99.9	99.9	99.9	297.5	299.3	0.6	64.2	999.9	999.9
18.1	55.9	5349.8	500.0	-28.0	-34.9	999.9	99.9	99.9	99.9	298.8	298.9	0.0	1.0	999.9	999.9
19.4	59.3	5737.0	475.0	-29.3	-38.7	999.9	99.9	99.9	99.9	301.6	301.6	0.0	1.0	999.9	999.9
20.6	62.7	6122.5	450.0	-30.1	-44.2	999.9	99.9	99.9	99.9	305.3	305.4	0.0	2.0	999.9	999.9
21.8	66.1	6527.5	425.0	-32.2	-40.0	999.9	99.9	99.9	99.9	307.6	307.7	0.0	4.4	999.9	999.9
23.1	69.9	6953.1	400.0	-34.7	-34.1	999.9	99.9	99.9	99.9	309.8	309.9	0.0	4.2	999.9	999.9
24.4	73.5	7401.8	375.0	-36.8	-34.9	999.9	99.9	99.9	99.9	312.8	309.9	99.9	999.9	999.9	999.9
26.0	77.0	7877.2	350.0	-38.9	-34.9	999.9	99.9	99.9	99.9	316.3	309.9	99.9	999.9	999.9	999.9
27.7	81.7	8343.1	325.0	-40.8	-34.9	999.9	99.9	99.9	99.9	320.5	309.9	99.9	999.9	999.9	999.9
29.3	85.9	8822.5	300.0	-45.6	-34.9	999.9	99.9	99.9	99.9	321.1	309.9	99.9	999.9	999.9	999.9
31.1	90.6	9405.5	275.0	-51.0	-34.9	999.9	99.9	99.9	99.9	321.3	309.9	99.9	999.9	999.9	999.9
33.1	95.5	10113.4	250.0	-51.9	-34.9	999.9	99.9	99.9	99.9	324.9	309.9	99.9	999.9	999.9	999.9
35.1	100.4	11332.1	225.0	-48.7	-34.9	999.9	99.9	99.9	99.9	333.9	309.9	99.9	999.9	999.9	999.9
37.4	106.3	11571.3	200.0	-51.3	-34.9	999.9	99.9	99.9	99.9	351.5	309.9	99.9	999.9	999.9	999.9
39.8	112.3	12443.1	175.0	-51.0	-34.9	999.9	99.9	99.9	99.9	365.7	309.9	99.9	999.9	999.9	999.9
42.5	119.0	13333.9	150.0	-55.7	-34.9	999.9	99.9	99.9	99.9	374.2	309.9	99.9	999.9	999.9	999.9
45.6	126.3	14588.0	125.0	-57.5	-34.9	999.9	99.9	99.9	99.9	390.8	309.9	99.9	999.9	999.9	999.9
49.1	134.7	15988.8	100.0	-60.1	-34.9	999.9	99.9	99.9	99.9	411.7	309.9	99.9	999.9	999.9	999.9
53.7	142.7	17775.6	75.0	-60.3	-34.9	999.9	99.9	99.9	99.9	446.5	309.9	99.9	999.9	999.9	999.9
59.3	151.3	20244.8	50.0	-62.2	-34.9	999.9	99.9	99.9	99.9	497.0	309.9	99.9	999.9	999.9	999.9
67.3	160.7	24544.8	25.0	-61.3	-34.9	999.9	99.9	99.9	99.9	608.7	309.9	99.9	999.9	999.9	999.9

\* BY SOLED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 518  
ALBANY, N. Y.6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DNW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	80.0	991.7	-2.2	-3.6	170.0	2.6	-0.5	2.6	272.0	279.5	3.0	90.0	0.0	0.
00.9	99.9	69.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	7.6	271.2	975.0	-1.7	-2.9	999.9	99.9	99.9	99.9	273.8	281.0	3.2	91.3	999.9	999.9
1.1	5.7	621.9	950.0	0.2	-0.6	999.9	99.9	99.9	99.9	277.9	287.0	3.9	94.4	999.9	999.9
2.0	11.7	642.0	925.0	-1.0	-1.5	999.9	99.9	99.9	99.9	278.8	288.4	3.7	96.4	999.9	999.9
2.9	13.7	860.4	900.0	-1.7	-4.0	999.9	99.9	99.9	99.9	278.1	286.3	3.2	97.5	999.9	999.9
3.7	15.7	1042.6	875.0	-5.2	-5.5	999.9	99.9	99.9	99.9	278.7	286.4	2.9	97.5	999.9	999.9
4.6	17.9	1309.8	850.0	-6.6	-6.9	999.9	99.9	99.9	99.9	279.6	286.7	2.7	97.3	999.9	999.9
5.4	20.2	1541.0	825.0	-7.4	-7.8	999.9	99.9	99.9	99.9	281.1	288.0	2.6	97.2	999.9	999.9
6.3	22.1	1747.7	800.0	-7.3	-7.7	999.9	99.9	99.9	99.9	283.7	291.0	2.7	97.2	999.9	999.9
7.1	24.6	2010.4	775.0	-7.5	-7.8	999.9	99.9	99.9	99.9	286.1	293.6	2.7	97.2	999.9	999.9
8.2	26.3	2265.0	750.0	-8.4	-9.0	999.9	99.9	99.9	99.9	287.7	294.9	2.6	95.8	999.9	999.9
9.2	27.3	2568.5	725.0	-9.4	-10.2	999.9	99.9	99.9	99.9	289.5	296.3	2.4	93.4	999.9	999.9
10.1	31.8	2811.5	700.0	-10.2	-11.1	999.9	99.9	99.9	99.9	291.4	297.9	2.3	92.1	999.9	999.9
11.4	36.9	3047.5	675.0	-11.4	-12.6	269.4	18.5	18.5	0.2	293.2	299.3	2.2	90.9	6.2	81.
12.6	38.9	3244.3	650.0	-13.0	-14.5	264.1	19.0	19.0	1.9	294.4	300.0	1.9	89.0	7.6	82.
13.9	42.7	3450.7	625.0	-14.6	-16.2	261.3	19.6	19.4	3.0	295.9	301.0	1.7	87.9	9.0	82.
15.2	42.2	3694.9	600.0	-16.7	-18.5	261.7	18.5	18.3	2.7	297.0	301.4	1.5	85.7	10.5	82.
16.5	45.1	4313.4	575.0	-18.7	-21.0	259.3	18.7	18.4	3.3	298.2	301.9	1.2	82.2	12.0	82.
17.7	49.0	4931.4	550.0	-20.9	-23.6	261.5	18.1	17.9	2.7	299.3	302.5	1.0	78.9	13.3	82.
19.0	50.3	5445.5	525.0	-23.8	-26.3	258.7	17.7	17.1	3.5	299.9	302.5	0.8	79.0	14.8	81.
20.4	54.0	5940.0	500.0	-26.8	-29.7	259.8	18.4	18.1	3.2	300.6	302.6	0.6	75.0	16.2	81.
21.9	57.0	5704.3	475.0	-29.7	-32.5	259.7	17.0	17.4	3.5	301.3	302.9	0.5	76.1	17.8	81.
23.1	60.3	6031.4	450.0	-33.0	-36.1	254.6	17.7	17.1	4.7	301.8	303.0	0.4	73.0	19.4	81.
24.4	63.4	6430.4	425.0	-36.5	-40.6	257.4	13.4	13.1	2.8	302.2	303.0	0.3	65.8	21.0	80.
26.6	67.3	6907.6	400.0	-40.1	-44.9	251.0	11.4	10.8	3.7	303.7	309.9	99.9	999.9	22.2	80.
28.3	70.9	7364.7	375.0	-43.7	-48.7	241.5	5.4	4.9	2.4	303.7	309.9	99.9	999.9	22.2	80.
30.0	74.3	7804.4	350.0	-47.3	-52.9	241.4	8.5	7.4	4.1	304.9	309.9	99.9	999.9	23.4	79.
31.6	78.3	8272.4	325.0	-48.6	-54.9	245.1	20.3	23.4	11.1	309.7	309.9	99.9	999.9	25.0	78.
33.7	83.0	8818.4	300.0	-49.6	-56.9	242.8	38.7	34.4	17.7	315.4	309.9	99.9	999.9	29.1	76.
35.7	87.1	9363.2	275.0	-49.4	-56.9	247.5	49.3	45.5	18.9	323.7	309.9	99.9	999.9	34.2	74.
37.4	92.2	10011.9	250.0	-49.8	-56.9	245.4	51.4	46.7	21.4	323.1	309.9	99.9	999.9	40.4	73.
40.3	97.2	10702.3	225.0	-49.6	-56.9	248.1	52.1	46.9	22.7	322.5	309.9	99.9	999.9	48.1	72.
43.3	102.8	11470.5	200.0	-51.4	-56.9	246.9	47.6	43.7	18.7	331.5	309.9	99.9	999.9	57.4	71.
46.1	108.3	12339.8	175.0	-51.2	-56.9	239.0	41.4	35.8	20.7	335.4	309.9	99.9	999.9	64.9	70.
49.0	115.3	13117.0	150.0	-53.4	-56.9	241.5	52.04	43.7	24.8	378.1	309.9	99.9	999.9	74.0	69.
53.4	122.7	14507.1	125.0	-55.0	-56.9	241.4	50.38	44.2	24.1	395.4	309.9	99.9	999.9	85.2	68.
58.4	130.7	15320.1	100.0	-57.8	-56.9	245.4	30.18	27.3	12.5	416.1	309.9	99.9	999.9	97.2	67.
63.9	139.0	17222.4	75.0	-60.8	-56.9	256.0	41.98	40.7	10.2	455.6	309.9	99.9	999.9	110.9	67.
71.4	147.3	20224.1	50.0	-64.4	-56.9	261.1	27.38	27.0	4.2	491.7	309.9	99.9	999.9	127.3	68.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* HV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* RV TIME MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

\*\* RV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 420  
PITTSBURGH, PA.

6 FEBRUARY 1975  
1415 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PHFS MR	TEMP °C	NEW PT DG C	DIR DG	SPED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MR RTG GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.1	359.0	463.5	0.6	-3.4	205.0	6.2	6.2	0.5	277.1	280.9	3.0	72.0	0.6	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.4	472.4	950.0	-0.1	-1.4	271.0	9.1	9.1	-0.2	277.6	287.0	3.6	90.7	0.3	82.
1.2	11.5	685.5	925.0	-1.8	-2.0	272.9	10.9	10.9	-0.5	277.9	287.2	3.6	98.6	0.7	87.
1.9	13.7	962.9	900.0	-3.4	-3.6	278.0	14.1	14.0	-2.0	278.4	286.9	3.3	99.1	1.2	91.
2.7	15.3	1125.3	875.0	-4.9	-5.2	277.6	15.1	15.0	-2.0	279.1	286.9	3.0	97.3	1.9	94.
3.5	18.2	1352.9	850.0	-6.0	-6.1	274.4	14.1	14.1	-1.1	280.3	287.9	2.9	99.1	2.6	94.
4.1	20.6	1586.7	825.0	-6.6	-6.6	276.0	17.0	16.9	-1.8	282.0	289.5	2.8	99.6	3.3	98.
5.0	22.9	1877.1	800.0	-7.2	-7.3	270.9	16.1	16.1	-0.2	283.9	291.4	2.8	99.3	4.1	95.
5.8	25.4	2075.1	775.0	-7.1	-7.3	268.0	15.7	15.7	0.6	286.6	294.4	2.9	98.4	4.8	94.
6.8	27.8	2330.4	750.0	-8.6	-8.9	267.0	17.5	17.5	0.9	287.6	294.8	2.6	97.6	5.6	93.
7.5	30.5	2592.7	725.0	-10.1	-10.7	265.6	16.7	16.7	1.3	288.6	295.2	2.3	95.9	6.4	92.
8.7	33.2	2862.7	700.0	-11.5	-12.8	266.9	18.4	18.4	1.0	290.0	295.7	2.0	90.5	7.7	91.
9.6	35.8	3181.0	675.0	-13.0	-14.7	267.3	19.1	19.1	0.8	291.3	296.5	1.8	87.0	8.8	90.
10.6	38.6	3427.9	650.0	-14.8	-16.8	265.5	18.2	18.1	1.4	292.4	297.0	1.6	84.6	9.9	90.
11.6	41.3	3623.9	625.0	-16.7	-19.1	261.1	18.5	18.2	2.9	293.4	297.4	1.4	82.1	11.0	89.
12.7	44.3	4029.4	600.0	-18.9	-22.3	259.5	17.4	17.1	3.2	294.4	297.6	1.1	73.8	12.1	88.
13.7	47.3	4435.2	575.0	-21.3	-25.2	260.4	19.1	18.8	3.2	295.1	297.7	0.9	70.7	13.3	88.
14.8	50.3	4871.6	550.0	-23.9	-28.1	260.6	18.6	18.5	3.1	295.8	297.9	0.7	67.9	14.6	87.
16.0	53.4	5007.5	525.0	-26.5	-31.2	261.6	18.6	18.4	2.7	296.5	298.2	0.5	64.7	15.9	87.
17.2	56.4	5150.3	500.0	-29.6	-34.0	263.6	17.3	17.2	1.9	297.0	298.4	0.4	64.9	17.2	86.
18.4	59.9	5213.7	475.0	-32.4	-37.8	264.5	14.5	14.4	1.4	297.8	298.8	0.3	58.5	18.4	86.
19.7	63.4	6102.1	450.0	-36.0	-41.4	257.8	13.9	13.6	2.9	298.0	298.7	0.2	54.0	19.4	86.
21.0	66.9	6596.3	425.0	-39.4	-45.4	262.7	15.5	15.3	2.0	298.5	299.0	0.1	52.2	20.5	86.
22.4	70.5	6904.1	400.0	-43.2	-49.9	260.7	16.7	16.5	2.7	298.9	299.9	0.9	99.9	22.0	85.
23.8	74.3	7334.1	375.0	-47.1	-54.9	259.5	14.2	14.0	2.6	294.2	299.9	99.9	99.9	23.2	85.
25.4	78.5	7792.2	350.0	-50.4	-59.4	260.2	18.8	18.5	3.2	300.8	304.9	99.9	99.9	24.6	85.
27.0	82.7	8275.6	325.0	-50.0	-64.9	259.1	26.5	26.0	9.0	307.7	309.9	99.9	99.9	26.0	84.
28.7	87.0	8794.3	300.0	-49.3	-69.9	253.7	35.9	34.5	10.1	315.8	309.9	99.9	99.9	30.0	84.
30.6	92.0	9167.9	275.0	-44.9	-64.9	252.1	41.5	39.6	12.6	322.9	309.9	99.9	99.9	34.5	82.
32.4	96.9	9594.1	250.0	-50.8	-69.9	252.6	40.3	38.5	12.1	330.5	309.9	99.9	99.9	38.9	81.
34.6	102.3	10876.7	225.0	-50.4	-69.9	250.1	40.6	38.2	13.8	341.3	309.9	99.9	99.9	43.1	80.
37.0	108.3	11443.3	200.0	-50.8	-69.9	242.7	38.7	34.4	17.8	352.3	309.9	99.9	99.9	50.2	78.
39.5	114.7	12308.9	175.0	-53.5	-69.9	242.4	44.4	39.5	20.6	361.7	309.9	99.9	99.9	54.3	76.
42.2	121.7	12942.3	150.0	-53.5	-69.9	246.2	44.8	41.0	18.1	377.9	309.9	99.9	99.9	63.6	75.
45.3	129.3	13475.1	125.0	-54.4	-69.9	241.5	45.8	40.3	21.8	396.4	309.9	99.9	99.9	71.9	74.
48.4	137.7	13941.4	100.0	-58.4	-69.9	248.3	40.2	37.3	14.8	414.9	309.9	99.9	99.9	81.8	72.
54.6	146.0	17715.1	75.0	-54.1	-69.9	255.7	25.5	24.8	6.3	451.2	309.9	99.9	99.9	93.3	73.
61.1	155.0	20264.7	50.0	-61.7	-69.9	246.1	14.7	13.4	5.9	499.4	309.9	99.9	99.9	102.7	72.
71.0	164.3	24499.4	25.0	-64.0	-69.9	265.3	38.1	36.0	3.0	601.1	309.9	99.9	99.9	117.4	73.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG.

ORIGINAL PAGE IS  
OF POOR QUALITY.



STATION NO. 528  
BUFFALO, N Y6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	NEW PT DEG C	UW DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0-0	0-1	214.0	478.1	-2.2	-2.7	250.0	2.1	2.0	0.7	273.1	281.2	3.2	96.0	0.0	0
0-9	0-1	94.0	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-1	0-6	244.0	975.0	-2.6	-3.8	261.8	3.0	2.9	0.4	272.9	280.5	3.0	91.2	0.1	44
0-3	0-3	450.5	950.0	-4.2	-4.7	276.3	4.0	4.0	-0.4	273.3	280.6	2.8	96.5	0.2	93
1-7	10-7	650.0	925.0	-5.3	-5.4	275.3	5.1	5.0	-0.5	274.2	281.4	2.8	98.8	0.4	96
2-5	12-7	875.2	900.0	-6.9	-7.0	279.4	7.3	7.7	-1.2	279.7	281.2	2.5	99.3	0.7	96
3-4	14-9	1095.0	875.0	-7.3	-7.4	279.3	9.9	9.4	-1.4	276.6	283.2	2.5	99.3	1.1	96
4-1	16-9	1320.0	850.0	-7.9	-8.0	290.4	10.6	9.4	-3.4	278.1	284.7	2.5	99.2	1.6	99
4-9	18-1	1535.0	825.0	-8.2	-8.3	292.6	9.7	8.0	-3.7	280.2	286.9	2.5	99.2	2.1	103
5-8	21-2	1791.8	800.0	-8.9	-9.0	288.5	9.4	8.0	-3.0	282.0	288.5	2.4	99.1	2.6	104
6-6	23-5	2013.0	775.0	-9.2	-9.3	281.6	11.9	11.0	-2.8	284.3	290.9	2.4	99.0	3.1	104
7-5	25-7	2231.6	750.0	-9.2	-9.5	284.7	11.1	10.7	-2.7	280.9	293.7	2.5	98.1	3.8	105
8-5	28-1	2554.0	725.0	-9.8	-10.1	277.7	11.1	11.0	-1.5	280.0	295.9	2.5	97.7	4.4	104
9-5	30-6	2824.6	700.0	-11.0	-11.5	274.7	13.4	13.3	-1.1	290.5	296.9	2.3	96.2	5.1	103
10-5	33-1	3131.1	675.0	-12.0	-13.7	271.3	13.4	13.4	-0.8	291.4	297.0	2.0	93.8	6.0	102
11-6	35-6	3390.3	650.0	-14.7	-15.6	276.0	12.5	12.4	-1.3	292.6	297.6	1.7	92.3	6.7	101
12-7	38-1	3636.5	625.0	-16.1	-17.1	273.2	11.5	11.5	-0.6	294.0	298.6	1.6	93.2	7.6	100
13-9	40-7	3901.6	600.0	-18.6	-19.3	259.3	11.4	11.7	2.1	294.8	298.8	1.4	94.2	8.3	99
15-1	43-1	4204.9	575.0	-20.6	-23.3	255.7	13.5	13.1	3.3	295.9	299.1	1.0	80.2	9.1	97
16-3	46-2	4631.1	550.0	-23.2	-30.1	259.7	16.7	16.4	3.1	296.6	298.4	0.6	52.5	10.2	95
17-6	49-2	4975.1	525.0	-25.9	-32.6	261.2	16.3	16.1	2.5	297.4	298.8	0.5	52.7	11.4	93
18-6	52-9	5326.6	500.0	-28.4	-35.2	264.0	15.4	15.3	1.6	298.4	299.6	0.4	51.7	12.6	92
20-1	55-1	5692.1	475.0	-31.4	-38.0	262.3	14.6	14.4	2.0	298.8	299.8	0.3	52.6	13.8	91
21-5	58-1	6072.3	450.0	-34.6	-40.2	255.0	14.5	14.0	3.8	299.7	300.6	0.3	56.3	14.9	89
23-9	61-4	6461.0	425.0	-37.9	99.9	255.6	13.4	13.0	3.3	300.4	300.6	99.9	99.9	16.2	89
24-5	64-3	6843.3	400.0	-41.5	99.9	250.1	12.4	11.7	4.2	301.0	300.9	99.9	99.9	17.3	88
26-2	68-3	7317.7	375.0	-45.4	99.9	239.9	13.1	11.4	6.6	301.5	300.9	99.9	99.9	18.4	87
27-7	71-8	7771.5	350.0	-49.8	99.9	234.7	13.4	11.0	7.8	301.6	300.9	99.9	99.9	19.6	85
29-4	75-7	8253.5	325.0	-54.2	99.9	210.6	13.5	10.4	8.6	302.0	300.9	99.9	99.9	20.7	83
31-1	79-8	8744.0	300.0	-58.3	99.9	246.1	17.7	15.8	7.0	308.8	300.9	99.9	99.9	22.1	81
33-1	84-3	9321.6	275.0	-53.3	99.9	240.5	20.3	17.7	10.0	318.1	300.9	99.9	99.9	24.2	80
35-3	88-4	9915.1	250.0	-53.8	99.9	246.5	30.1	27.6	12.0	328.4	300.9	99.9	99.9	27.2	78
37-6	93-4	10514.8	225.0	-52.3	99.9	245.7	32.0	29.2	13.2	338.4	300.9	99.9	99.9	31.8	76
40-1	98-3	11377.6	200.0	-51.9	99.9	243.3	37.7	33.7	16.9	352.2	300.9	99.9	99.9	36.8	75
43-1	104-3	12239.8	175.0	-53.1	99.9	244.6	35.2	31.8	15.1	362.2	300.9	99.9	99.9	43.9	73
46-5	110-4	13215.4	150.0	-52.0	99.9	244.5	40.5	36.6	17.5	380.4	300.9	99.9	99.9	51.4	71
50-5	117-7	14414.8	125.0	-52.8	99.9	237.6	40.6	34.3	21.7	399.4	300.9	99.9	99.9	60.1	70
54-2	126-0	15446.8	100.0	-55.4	99.9	245.5	29.3	26.7	12.1	420.7	300.9	99.9	99.9	70.0	69
58-9	135-7	17642.8	75.0	-59.5	99.9	239.3	35.0	30.1	17.9	448.2	300.9	99.9	99.9	80.6	69
64-2	145-7	23210.3	50.0	-62.4	99.9	244.3	34.4	32.0	12.4	468.6	300.9	99.9	99.9	92.9	69
70-4	157-0	24464.3	25.0	-61.0	99.9	258.0	25.8	25.3	5.4	600.3	300.9	99.9	99.9	111.8	70

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PEDRIA, ILL6 FEBRUARY 1975  
1400 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX STD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.1	210.0	992.3	-11.1	-15.0	240.0	3.2	5.1	-0.9	262.8	265.9	1.2	73.0	0.0	0.
0.9	99.9	100.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	6.5	336.8	975.0	-12.6	-15.0	102.1	13.6	11.6	-7.2	262.6	265.7	1.2	82.8	0.2	120.
1.1	6.5	515.4	950.0	-14.6	-15.0	310.1	11.8	9.0	-7.6	262.5	265.7	1.3	97.9	0.7	122.
2.0	10.3	718.6	925.0	-13.3	-17.3	327.3	13.7	7.4	-11.5	265.9	269.7	1.5	101.0	1.3	131.
2.8	12.5	945.0	900.0	-9.4	-9.5	322.3	12.5	7.7	-9.9	272.1	277.5	2.1	99.2	1.9	136.
3.6	14.7	1171.1	875.0	-9.3	-9.0	310.0	11.1	8.5	-7.1	278.4	280.0	2.1	97.6	2.5	136.
4.4	16.5	1317.5	850.0	-9.0	-9.8	311.5	11.7	8.8	-7.8	276.9	282.6	2.1	93.9	3.0	135.
5.2	18.7	1618.6	825.0	-9.5	-10.8	311.8	10.2	7.6	-6.8	278.9	284.3	2.0	89.7	3.5	135.
6.1	20.3	1855.9	800.0	-10.7	-11.9	307.6	10.8	8.5	-6.6	280.0	285.3	1.9	90.8	4.1	134.
6.9	23.2	2102.1	775.0	-11.6	-13.2	305.1	11.7	9.6	-6.8	281.5	286.4	1.8	88.0	4.6	133.
7.8	25.2	2350.4	750.0	-12.9	-14.6	300.4	11.0	9.5	-5.6	282.7	287.3	1.6	87.5	5.2	132.
8.8	27.3	2617.9	725.0	-14.3	-17.3	298.4	11.3	10.2	-4.7	284.0	287.8	1.4	77.5	5.9	130.
9.9	30.2	2878.0	700.0	-16.5	-18.0	300.0	12.2	10.7	-6.1	284.3	288.1	1.3	88.0	6.6	129.
10.6	32.4	3188.1	675.0	-19.0	-19.1	303.6	12.8	10.7	-7.1	288.5	288.0	1.2	100.1	7.3	128.
12.0	35.3	3428.1	650.0	-17.1	-18.1	302.6	13.4	11.3	-7.2	289.8	293.9	1.4	91.5	8.2	128.
12.9	37.8	3727.8	625.0	-18.5	-20.1	298.4	13.8	12.1	-6.6	291.4	295.0	1.2	87.3	9.0	127.
14.0	40.3	4078.2	600.0	-20.6	-22.8	291.6	12.6	11.7	-4.6	292.4	295.4	1.0	81.9	9.8	126.
15.1	43.1	4318.7	575.0	-22.8	-26.6	285.7	13.6	13.2	-3.6	293.3	295.6	0.7	70.8	10.7	125.
16.4	46.2	4608.5	550.0	-24.6	-29.7	278.3	12.7	12.6	-3.8	294.9	296.7	0.6	62.1	11.6	123.
17.7	49.0	5001.3	525.0	-27.2	-32.3	282.6	13.9	13.6	-3.0	295.7	297.2	0.5	61.7	12.5	121.
18.7	51.9	5310.4	500.0	-30.6	-35.4	282.4	13.3	13.0	-2.9	295.7	296.9	0.4	62.6	13.4	120.
19.9	55.0	5717.8	475.0	-33.4	-37.4	273.4	14.0	14.0	-0.8	296.6	297.6	0.3	67.1	14.3	119.
21.3	58.1	6082.6	450.0	-36.6	-41.1	267.0	14.4	14.1	2.0	297.2	297.9	0.2	62.7	15.2	116.
22.6	61.4	6432.6	425.0	-40.1	-44.9	260.5	15.1	14.9	2.5	297.7	297.9	0.9	99.9	16.3	114.
24.3	65.3	6743.1	400.0	-44.0	-49.3	259.0	15.9	15.6	3.0	297.9	299.9	0.9	99.9	17.4	111.
25.6	68.7	7323.1	375.0	-47.2	-52.9	258.3	15.1	14.8	3.1	299.2	299.9	0.9	99.9	18.6	109.
27.2	72.5	7775.5	350.0	-51.2	-59.9	258.7	15.2	14.9	3.0	299.8	299.9	0.9	99.9	19.9	107.
28.8	76.7	8251.0	325.0	-55.2	-64.7	253.1	15.8	15.1	4.6	300.6	299.9	0.9	99.9	21.2	105.
30.6	80.9	8758.1	300.0	-59.1	-69.9	251.9	15.9	15.2	5.0	302.1	299.9	0.9	99.9	22.6	102.
32.4	85.3	9310.0	275.0	-63.4	-74.7	260.3	16.3	16.0	2.7	315.0	299.9	0.9	99.9	24.2	100.
34.4	90.2	9419.9	250.0	-67.2	-79.7	257.4	17.4	17.0	3.4	325.5	299.9	0.9	99.9	26.1	99.
36.2	95.4	10514.2	225.0	-71.0	-84.9	268.3	21.8	23.7	2.2	337.3	299.9	0.9	99.9	28.3	97.
38.5	101.0	11357.9	200.0	-74.5	-89.9	257.8	21.4	20.9	4.5	349.6	299.9	0.9	99.9	31.2	96.
41.1	107.3	12220.9	175.0	-78.6	-94.9	268.6	24.8	24.7	0.6	363.1	299.9	0.9	99.9	34.8	95.
44.5	114.1	13218.7	150.0	-83.4	-99.9	262.7	24.0	24.0	0.0	378.1	299.9	0.9	99.9	39.9	94.
48.7	122.0	14348.9	125.0	-88.0	-104.9	262.5	18.4	18.7	2.5	398.1	299.9	0.9	99.9	45.4	94.
53.7	130.7	15428.1	100.0	-92.9	-109.9	258.6	23.7	23.2	4.7	425.6	299.9	0.9	99.9	51.7	92.
60.1	140.2	17473.1	75.0	-97.7	-114.9	264.5	21.2	21.1	2.0	454.2	299.9	0.9	99.9	60.6	90.
67.4	149.0	23215.8	50.0	-101.1	-119.9	278.9	20.4	20.3	-1.8	499.5	299.9	0.9	99.9	71.0	89.
78.7	158.5	24415.4	25.0	-103.3	-124.2	271.2	23.7	23.7	-0.5	603.0	299.9	0.9	99.9	85.8	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEB6 FEBRUARY 1975  
1500 GMT

TIME MIN	CNTCT	HEIGHT FT	PHES NO	TLMP DG C	DEF PT DG C	DIR DG	SPFD M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E PUT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.4	470.0	975.7	-14.4	-23.2	300.0	3.6	3.1	-1.8	256.6	258.2	0.6	66.0	0.0	0.
99.9	99.9	60.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	7.4	405.4	975.0	-18.5	-23.0	399.9	99.9	99.9	99.9	256.6	258.2	0.6	67.4	999.9	999.9
0.7	10.1	594.0	950.0	-14.9	-23.1	999.9	99.9	99.9	99.9	258.1	259.7	0.6	67.7	999.9	999.9
1.4	12.2	797.7	925.0	-18.6	-24.5	999.9	99.9	99.9	99.9	260.1	261.6	0.6	68.6	999.9	999.9
2.0	14.3	1003.0	900.0	-16.3	-23.5	334.9	15.3	6.5	-13.9	264.8	266.2	0.5	44.5	1.6	188.
2.8	16.6	1214.9	875.0	-16.6	-24.4	334.9	15.3	6.2	-13.9	266.6	267.8	0.4	36.3	2.3	150.
3.5	18.9	1432.8	850.0	-16.7	-33.8	334.9	14.1	4.9	-12.2	268.7	269.4	0.3	21.1	2.8	152.
4.2	21.2	1657.2	825.0	-16.1	-30.7	330.4	14.7	7.2	-12.8	271.6	272.7	0.4	27.1	3.5	152.
4.9	23.6	1844.1	800.0	-16.0	-30.8	322.5	12.9	7.9	-10.2	274.1	274.9	0.2	17.8	4.0	152.
5.7	25.9	2124.7	775.0	-14.6	-29.7	310.2	11.6	8.9	-7.6	277.9	279.1	0.4	26.8	4.6	150.
6.4	28.4	2372.3	750.0	-14.0	-32.6	304.2	13.3	11.0	-7.5	281.4	282.4	0.3	18.9	5.1	147.
7.3	31.0	2634.5	725.0	-14.4	-25.1	304.1	15.1	12.5	-8.4	283.8	285.8	0.7	39.4	5.8	144.
8.0	33.5	2900.9	700.0	-15.8	-25.6	303.9	14.9	12.3	-8.3	285.1	286.5	0.5	29.6	6.4	142.
8.7	36.1	3173.2	675.0	-17.9	-25.7	302.6	15.7	13.2	-8.4	287.7	287.8	0.7	50.2	7.0	140.
9.6	38.9	3444.6	650.0	-14.8	-27.0	299.4	16.8	14.6	-8.4	286.6	288.5	0.6	52.6	7.6	138.
10.3	41.4	3745.4	625.0	-20.6	-43.6	297.0	16.8	15.0	-7.6	288.9	289.4	0.2	12.9	8.8	136.
11.6	44.3	4044.1	600.0	-27.5	-45.3	292.1	17.0	15.7	-6.4	290.1	290.5	0.1	10.3	9.8	134.
12.7	47.2	4374.1	575.0	-24.9	-46.8	291.0	17.9	16.7	-6.4	290.8	291.2	0.1	10.8	10.8	132.
13.7	50.2	4674.1	550.0	-24.6	-48.3	287.5	18.7	18.8	-5.9	292.5	292.8	0.1	9.9	11.9	130.
14.7	53.1	5011.7	525.0	-24.6	-48.6	284.7	19.7	19.1	-5.0	293.6	293.9	0.1	12.8	13.0	127.
15.9	56.0	5360.7	500.0	-31.8	-51.6	284.5	19.6	17.0	-4.7	294.2	294.4	0.1	12.0	14.3	125.
17.2	59.3	5721.9	475.0	-34.0	-54.3	289.9	18.3	17.4	-6.2	295.8	296.0	0.0	10.7	15.7	123.
18.3	62.6	6044.2	450.0	-37.0	-58.4	290.4	17.0	14.8	-8.3	296.7	296.8	0.0	14.4	16.9	123.
19.7	65.9	6471.2	425.0	-40.0	-60.9	303.9	15.8	12.5	-9.7	297.6	299.9	99.9	99.9	18.2	123.
21.2	69.3	6903.3	400.0	-42.6	-64.9	313.9	16.9	12.2	-11.7	299.6	299.9	99.9	99.9	19.7	124.
22.6	73.0	7335.4	375.0	-44.7	-68.9	317.1	19.8	13.5	-14.5	301.1	308.9	99.9	99.9	21.1	124.
24.0	76.7	7792.0	350.0	-48.7	-68.9	312.9	21.8	15.9	-14.8	303.1	309.9	99.9	99.9	22.9	125.
25.5	80.9	8275.4	325.0	-52.1	-68.9	320.7	21.9	14.0	-16.8	304.8	309.9	99.9	99.9	24.8	126.
27.3	85.0	8790.1	300.0	-55.0	-68.9	329.0	24.4	12.3	-21.0	307.8	309.9	99.9	99.9	27.1	128.
29.1	89.4	9343.8	275.0	-55.8	-68.9	327.1	25.9	14.0	-21.7	314.4	319.9	99.9	99.9	29.6	130.
31.2	93.2	9900.5	250.0	-55.7	-68.9	311.2	24.6	11.9	-21.6	324.1	325.9	99.9	99.9	32.8	131.
33.4	99.3	10671.0	225.0	-55.0	-68.9	304.6	19.6	15.1	-12.5	334.2	339.9	99.9	99.9	35.5	133.
36.0	104.2	11340.7	200.0	-51.0	-68.9	295.0	21.2	12.3	-9.0	352.0	359.9	99.9	99.9	38.6	132.
38.9	110.0	12249.7	175.0	-51.6	-68.9	304.0	23.1	17.1	-12.9	364.7	369.9	99.9	99.9	42.4	131.
42.5	116.0	13245.5	150.0	-53.2	-68.9	303.6	24.0	19.6	-14.0	378.5	389.9	99.9	99.9	47.2	130.
46.7	121.3	14422.0	125.0	-53.7	-68.9	307.2	18.7	14.9	-11.3	397.8	399.9	99.9	99.9	53.2	129.
51.7	130.6	15951.6	100.0	-55.0	-68.9	293.1	14.1	17.6	-7.5	421.4	429.9	99.9	99.9	58.6	128.
56.2	140.0	17452.0	75.0	-57.3	-68.9	285.0	16.7	14.1	-4.5	452.8	459.9	99.9	99.9	65.8	126.
64.1	147.3	20733.4	50.0	-60.8	-68.9	284.8	18.9	19.2	-5.1	500.3	509.9	99.9	99.9	74.8	124.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562  
MORTY PLATTE, NEB  
6 FEBRUARY 1975  
1500 GMT

TIME MIN	CNTCT	WEIGHT GFM	PRFS MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.2	447.0	924.8	-17.2	-23.1	280.0	4.1	4.0	-0.7	261.8	0.6	59.0	0.0	0.
00.0	30.0	94.0	1000.0	44.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.0	99.0	975.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.0	94.0	950.0	44.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.0	94.0	925.0	44.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	14.6	1050.0	900.0	-18.3	-23.1	323.1	10.5	6.3	-0.4	262.7	0.5	54.7	0.4	128.
1.4	16.3	1261.8	875.0	-18.2	-23.1	338.1	12.2	4.5	-11.3	267.1	0.5	44.2	0.9	141.
2.2	19.2	1440.5	850.0	-15.1	-26.5	338.9	12.9	4.7	-12.0	270.4	0.5	36.8	1.5	148.
2.9	21.4	1704.1	825.0	-15.4	-27.1	337.7	12.8	4.5	-11.1	272.6	0.5	35.5	2.0	151.
3.7	23.4	1938.5	800.0	-15.4	-28.1	332.5	13.6	6.4	-12.3	274.8	0.5	32.6	2.6	152.
4.6	26.2	2174.2	775.0	-13.7	-37.7	325.5	17.6	10.1	-14.7	274.1	0.2	11.0	3.4	151.
5.4	28.8	2428.4	750.0	-13.5	-38.1	328.7	18.1	9.4	-15.5	281.9	0.2	10.4	4.3	150.
6.2	31.5	2686.5	725.0	-13.5	-38.5	328.7	19.9	11.5	-16.3	285.5	0.3	13.6	5.2	150.
7.1	34.2	2957.9	700.0	-14.3	-35.3	326.2	20.9	11.6	-17.3	286.6	0.3	16.0	6.3	149.
7.9	36.7	3227.7	675.0	-14.4	-25.3	327.4	21.5	11.6	-18.1	287.4	0.7	46.1	7.4	144.
8.8	39.8	3510.4	650.0	-18.5	-23.2	326.8	21.7	11.4	-18.2	288.1	0.9	66.3	8.5	148.
9.4	42.2	3801.9	625.0	-20.8	-23.8	326.5	22.9	12.6	-19.1	289.7	0.9	74.5	9.8	148.
10.6	45.3	4102.5	600.0	-22.5	-25.0	327.1	21.7	11.8	-18.2	290.2	0.8	79.6	11.0	148.
11.7	48.1	4414.2	575.0	-24.0	-27.1	331.2	21.2	10.2	-18.5	292.0	0.7	74.8	12.3	148.
12.7	50.4	4737.8	550.0	-25.4	-28.1	331.1	22.4	10.8	-19.6	294.0	0.7	75.9	13.6	149.
13.6	52.3	5074.0	525.0	-27.8	-30.7	330.4	23.0	11.3	-20.1	295.0	0.6	75.8	14.9	149.
14.7	57.0	5423.0	500.0	-30.3	-34.4	331.1	24.6	11.5	-21.8	296.1	0.4	64.4	16.4	149.
15.9	60.4	5745.7	475.0	-37.6	-38.5	330.6	26.9	11.2	-19.9	298.4	0.3	60.8	18.1	149.
17.1	63.9	6163.7	450.0	-37.0	-40.8	327.4	28.4	13.2	-20.6	299.2	0.2	55.3	19.8	149.
18.4	67.1	6503.1	425.0	-47.8	-45.1	326.1	27.0	12.3	-18.3	300.5	0.2	44.9	21.7	149.
19.9	70.7	6875.1	400.0	-40.9	99.9	326.6	25.3	9.3	-21.4	301.9	99.9	99.9	23.4	149.
21.2	74.4	7411.2	375.0	-43.9	99.9	338.9	24.9	9.0	-23.2	303.5	99.9	99.9	25.5	150.
22.9	78.5	7971.5	350.0	-47.0	99.9	332.7	23.2	10.7	-20.7	305.4	99.9	99.9	27.9	150.
24.4	82.2	8358.5	325.0	-50.2	99.9	333.3	28.3	12.7	-25.3	307.5	99.9	99.9	30.4	150.
26.1	86.3	8777.3	300.0	-53.9	99.9	331.2	32.9	15.8	-28.8	309.4	99.9	99.9	33.4	151.
28.0	90.5	9431.4	275.0	-56.9	99.9	335.6	31.2	13.6	-28.0	312.9	99.9	99.9	37.0	151.
30.3	94.7	10034.0	250.0	-58.7	99.9	321.9	30.2	18.6	-23.7	318.8	99.9	99.9	40.8	151.
32.3	100.5	10644.4	225.0	-54.4	99.9	326.6	27.8	15.3	-23.2	320.1	99.9	99.9	44.7	150.
35.1	106.0	11443.5	200.0	-53.5	99.9	315.3	26.5	18.6	-18.8	348.0	99.9	99.9	54.0	149.
38.0	111.7	12373.1	175.0	-54.1	99.9	313.5	11.6	23.0	-21.8	368.6	99.9	99.9	59.2	146.
41.3	119.0	13294.6	150.0	-53.1	99.9	108.3	25.3	19.9	-15.7	378.7	99.9	99.9	64.6	145.
45.2	125.0	14402.7	125.0	-55.8	99.9	304.7	25.9	21.3	-14.7	394.9	99.9	99.9	71.0	142.
49.4	132.5	15877.1	100.0	-54.9	99.9	298.4	18.3	16.0	-8.8	417.8	99.9	99.9	77.1	141.
55.4	140.1	17494.8	75.0	-56.3	99.9	308.0	13.6	10.7	-6.4	450.7	99.9	99.9	84.7	139.
63.2	148.3	20241.1	50.0	-59.3	99.9	297.2	22.9	20.3	-10.5	503.9	99.9	99.9	99.9	99.9
74.8	156.7	24519.1	25.0	-64.4	99.9	99.9	99.9	99.9	99.9	599.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME6 FEBRUARY 1975  
1515 GMT

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DU C	DEW PT DU C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCY	RANGE KM	AZ DG
0.0	6.4	20.0	999.5	-2.2	-3.3	10.0	5.7	-1.0	-5.6	271.4	279.1	3.0	92.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	8.1	200.4	975.0	-3.8	-4.1	999.7	99.9	99.9	99.9	271.7	279.0	2.9	97.7	999.9	999.9
1.5	10.2	411.0	950.0	-4.4	-4.4	999.7	99.9	99.9	99.9	273.1	280.6	2.9	99.5	999.9	999.9
2.2	12.2	624.2	925.0	-4.3	-4.4	77.3	11.0	-10.6	-2.4	275.2	283.0	3.0	99.5	1.3	21.6
2.8	14.4	840.4	900.0	-4.4	-4.4	96.8	12.2	-12.1	1.4	277.4	285.4	3.1	99.6	1.6	22.9
3.7	16.4	1062.7	875.0	-4.9	-5.0	111.5	11.8	-10.9	4.3	279.1	287.0	3.0	99.2	2.1	24.3
4.5	18.4	1240.1	850.0	-4.0	-4.1	127.2	7.9	-6.3	4.8	280.3	287.8	2.9	99.1	2.4	25.3
5.3	20.3	1524.5	825.0	-4.2	-4.3	114.2	4.2	-5.7	2.5	284.6	293.7	3.4	99.3	2.6	25.6
6.1	23.1	1764.0	800.0	-3.5	-3.5	100.3	7.5	-7.4	1.3	287.9	297.9	3.7	99.4	2.9	26.1
6.9	25.4	2019.2	775.0	-4.3	-4.4	95.5	5.4	-5.4	0.5	289.6	299.2	3.6	99.2	3.2	26.3
7.7	27.6	2277.2	750.0	-5.7	-5.8	74.3	3.9	-3.8	-0.7	290.6	299.9	3.3	99.6	3.4	26.3
8.4	30.1	2542.3	725.0	-7.4	-7.6	82.1	4.6	-4.6	-0.6	291.7	300.0	3.0	98.8	3.6	26.3
9.3	32.5	2813.7	700.0	-8.8	-9.0	97.3	5.1	-5.1	0.6	293.0	300.8	2.8	98.6	3.9	26.3
10.5	35.2	3096.3	675.0	-10.2	-10.4	131.4	3.8	-2.9	2.5	294.5	301.9	2.6	98.4	4.1	26.5
11.5	37.0	3346.7	650.0	-11.6	-11.7	184.2	3.1	0.5	3.1	296.1	303.0	2.4	97.8	4.2	26.8
12.4	40.3	3585.5	625.0	-13.6	-14.1	207.9	4.5	2.1	4.0	297.1	303.1	2.1	96.5	4.3	27.0
13.4	43.7	3890.0	600.0	-15.5	-16.0	196.3	5.8	1.6	5.6	298.4	303.8	1.8	95.7	3.9	27.0
14.4	45.9	4195.0	575.0	-17.9	-18.7	202.9	6.3	2.5	5.8	299.2	303.7	1.5	93.5	3.9	28.0
15.4	48.4	4495.9	550.0	-20.5	-21.4	224.1	4.0	5.6	5.8	299.8	303.5	1.2	89.1	3.8	28.6
16.4	51.1	4747.7	525.0	-22.8	-23.3	237.3	11.2	9.5	6.1	301.1	304.2	1.0	87.2	3.5	29.3
17.6	54.1	5045.6	500.0	-25.5	-26.2	236.5	14.2	11.8	7.8	302.0	304.6	0.8	85.0	3.0	30.8
18.7	57.0	5315.3	475.0	-28.8	-30.5	235.3	14.6	12.0	8.3	302.4	304.4	0.6	84.5	2.9	32.6
19.8	60.3	5600.1	450.0	-32.2	-34.2	236.5	14.1	12.0	7.4	302.8	304.3	0.5	82.0	3.0	34.5
21.1	63.5	5890.0	425.0	-35.8	-38.8	237.8	11.3	9.6	6.0	303.2	304.2	0.3	73.4	3.4	2.
22.4	66.7	6190.1	400.0	-38.8	-41.8	231.2	8.6	6.7	5.4	304.5	305.3	0.2	73.2	3.9	9.
23.7	70.2	6494.7	375.0	-42.7	-45.9	238.4	14.0	11.9	7.3	305.1	309.8	99.9	999.9	4.5	17.
25.2	74.7	6721.5	350.0	-45.3	-48.9	236.2	22.5	16.7	12.5	307.7	309.9	99.9	999.9	5.8	27.
27.1	77.4	6914.2	325.0	-47.1	-50.9	242.6	31.3	27.7	14.5	311.8	309.9	99.9	999.9	8.6	38.
28.7	81.4	7041.5	300.0	-49.2	-52.9	243.2	38.6	34.4	17.4	316.1	309.9	99.9	999.9	11.8	45.
30.9	85.6	7140.4	275.0	-51.5	-54.9	247.2	45.5	41.9	17.6	320.6	309.9	99.9	999.9	17.1	51.
33.2	90.3	7274.4	250.0	-51.9	-54.9	248.6	46.5	43.3	16.9	329.0	309.9	99.9	999.9	23.4	56.
35.6	94.8	7399.7	225.0	-51.7	-54.9	245.5	44.5	42.1	16.3	339.2	309.9	99.9	999.9	30.1	59.
38.4	99.1	7472.4	200.0	-52.7	-55.9	245.5	40.1	40.1	18.3	349.4	309.9	99.9	999.9	37.5	60.
41.5	105.3	7537.0	175.0	-53.3	-56.5	238.3	46.9	37.9	24.7	362.0	309.9	99.9	999.9	45.7	60.
45.3	111.3	75121.8	150.0	-54.9	-58.9	250.9	53.5	50.5	17.5	375.5	309.9	99.9	999.9	57.9	62.
49.4	118.2	7444.0	125.0	-56.4	-60.9	247.2	44.1	40.6	17.1	392.9	309.9	99.9	999.9	69.2	62.
54.9	125.8	75897.4	100.0	-58.1	-62.1	249.5	31.0	24.1	10.6	415.3	309.9	99.9	999.9	81.7	63.
61.5	134.7	77549.1	75.0	-61.9	-64.9	254.7	24.8	27.6	5.0	430.2	309.9	99.9	999.9	94.8	64.
70.3	144.0	79183.4	50.0	-64.8	-67.9	261.3	37.2	36.8	5.6	490.8	309.9	99.9	999.9	111.9	64.
82.6	154.3	79417.1	25.0	-65.8	-69.9	256.4	31.8	30.9	7.5	595.5	309.9	99.9	999.9	134.0	68.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH  
6 FEBRUARY 1975  
1500 GMT

TIME MIN	CHCY	WEIGHT GPM	PUFS MJ	TEMP DG C	DEG PT UG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	478.7	-1.3	-6.1	100.0	3.1	1.1	-2.4	271.6	278.2	2.5	81.0	0.0	0.
0.1	99.9	6.4	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	0.6	246.0	975.0	-3.8	-6.1	123.0	2.9	1.8	-2.3	271.6	278.0	2.5	84.4	0.0	33.
0.3	6.5	470.1	910.0	-0.4	-6.5	282.3	6.9	4.8	-1.1	271.0	277.3	2.5	100.0	0.2	109.
0.4	10.4	674.7	925.0	-6.8	-6.9	292.1	6.4	5.4	-2.4	272.7	279.1	2.5	99.5	0.5	106.
0.5	12.9	897.6	903.0	-6.8	-7.0	107.3	5.3	4.2	-3.2	276.8	281.4	2.5	98.4	0.8	112.
0.6	15.0	1117.7	975.0	-7.2	-7.0	319.9	4.6	2.9	-3.5	276.6	283.1	2.5	98.8	0.9	116.
0.7	17.4	1338.7	850.0	-8.0	-9.0	323.9	7.1	4.2	-5.7	276.0	284.1	2.3	93.1	1.2	123.
0.8	19.4	1570.6	815.0	-8.8	-9.4	326.3	7.7	4.3	-6.4	279.5	285.4	2.2	91.8	1.6	128.
0.9	22.1	1834.6	800.0	-9.9	-11.0	317.7	8.2	5.5	-6.1	280.9	286.5	2.1	91.6	2.0	132.
1.0	24.5	2051.3	775.0	-10.6	-11.3	294.2	8.8	9.1	-3.6	282.4	288.1	2.1	96.1	2.4	131.
1.1	27.3	2305.4	750.0	-11.0	-11.5	282.7	10.4	10.6	-2.4	282.4	290.8	2.1	96.0	2.8	127.
1.2	29.7	2465.6	725.0	-12.3	-12.8	276.2	10.5	10.4	-1.1	284.3	291.8	2.0	95.8	3.4	122.
1.3	32.4	2633.4	700.0	-13.7	-14.2	274.5	10.7	10.3	-0.8	287.6	292.7	1.8	95.4	3.9	118.
1.4	35.0	3109.3	675.0	-15.1	-15.6	271.6	11.1	11.0	-0.3	289.0	293.8	1.7	95.4	4.5	115.
1.5	37.7	3194.3	650.0	-16.6	-17.6	270.1	12.2	12.2	-0.0	290.3	294.6	1.5	92.0	5.0	112.
1.6	40.4	3687.4	625.0	-19.3	-20.1	270.3	12.2	12.2	-0.1	290.5	294.1	1.2	93.4	5.7	109.
1.7	43.1	3910.0	600.0	-21.7	-21.4	271.2	11.6	11.6	-0.2	291.1	294.3	1.1	98.5	6.3	107.
1.8	46.3	4321.6	575.0	-22.0	-24.2	274.2	12.3	12.3	-0.9	294.4	297.2	0.9	82.0	7.0	106.
1.9	49.4	4621.5	550.0	-24.2	-28.2	275.1	13.4	13.7	-1.3	295.4	297.5	0.7	69.1	7.8	105.
2.0	52.4	4868.4	525.0	-26.9	-33.1	275.4	15.4	15.9	-1.5	296.1	297.5	0.4	55.2	8.8	104.
2.1	55.5	5317.1	500.0	-29.4	-35.8	268.5	16.5	16.5	0.4	297.2	298.4	0.4	53.4	9.9	102.
2.2	58.3	5811.0	475.0	-32.4	-38.6	263.1	16.5	16.3	2.0	297.9	298.8	0.3	53.4	11.2	100.
2.3	62.4	6299.6	450.0	-35.8	-42.6	263.0	17.1	17.0	2.1	298.2	298.4	0.2	48.9	12.4	99.
2.4	65.4	6846.4	425.0	-39.1	-45.9	263.3	17.3	17.2	2.0	298.9	298.4	0.1	48.0	13.7	97.
2.5	68.6	7298.7	400.0	-47.7	-49.9	262.0	17.5	17.4	2.4	299.5	299.9	99.9	99.9	15.1	96.
2.6	71.5	7794.7	375.0	-49.3	-49.9	259.7	17.2	16.9	3.1	300.4	299.9	99.9	99.9	15.5	94.
2.7	74.6	7744.0	350.0	-49.7	-49.9	259.2	18.9	18.5	3.5	301.8	299.9	99.9	99.9	18.1	93.
2.8	77.6	8235.1	325.0	-51.4	-49.9	254.6	18.4	17.8	4.9	303.0	299.9	99.9	99.9	19.8	92.
2.9	80.3	8744.2	300.0	-54.3	-49.9	248.5	17.1	15.5	7.4	306.0	299.9	99.9	99.9	21.6	90.
3.0	92.8	9295.4	275.0	-54.1	-49.9	249.2	19.5	18.2	6.9	309.7	299.9	99.9	99.9	23.5	88.
3.1	95.5	9895.3	250.0	-50.9	-49.9	250.1	22.6	21.2	7.7	321.5	299.9	99.9	99.9	25.9	86.
3.2	100.3	10509.4	225.0	-53.5	-49.9	252.2	24.5	23.4	7.5	336.6	299.9	99.9	99.9	28.9	84.
3.3	105.8	11328.4	200.0	-53.0	-49.9	254.4	27.2	25.7	7.3	346.9	299.9	99.9	99.9	32.0	83.
3.4	112.5	12184.3	175.0	-53.3	-49.9	249.0	24.4	22.8	8.8	361.9	299.9	99.9	99.9	34.8	82.
3.5	117.0	13185.2	150.0	-52.2	-49.9	254.0	24.7	23.7	6.8	380.2	299.9	99.9	99.9	41.7	81.
3.6	127.0	14164.2	125.0	-52.3	-49.9	243.7	23.7	22.7	11.1	400.4	299.9	99.9	99.9	48.6	79.
3.7	135.0	15409.0	100.0	-51.2	-49.9	254.3	25.1	23.9	7.6	425.0	299.9	99.9	99.9	53.8	78.
3.8	143.0	17641.5	75.0	-57.3	-49.9	254.0	27.1	24.0	7.5	452.8	299.9	99.9	99.9	63.3	77.
3.9	151.7	23190.1	50.0	-59.8	-49.9	263.8	29.8	26.8	1.8	502.6	299.9	99.9	99.9	74.7	77.
4.0	160.3	24470.7	25.0	-63.0	-49.9	262.6	29.4	26.1	3.8	603.9	299.9	99.9	99.9	90.7	79.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME MAY BE INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 445  
GREEN HAY, WIS

6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GMS	URES MM	TEMP DEG C	DW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SLC	V COMP M/SFC	POT T DEG K	E POT T DEG K	MZ RTD CM/KG	PH PCY	RANGE KM	AZ DEG
0.0	7.4	210.0	903.1	-6.7	-9.4	290.0	11.3	10.0	-3.9	268.0	272.7	1.0	70.0	0.0	0.0
0.0	99.0	95.0	1000.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0.1	8.1	274.6	975.0	-7.6	-12.0	299.3	11.1	11.6	-6.5	267.7	271.0	1.0	70.3	0.4	117.0
1.1	10.3	475.7	950.0	-10.1	-13.4	300.5	14.1	12.2	-7.2	266.9	270.6	1.4	78.5	0.9	110.0
1.6	12.4	644.6	925.0	-11.5	-13.1	304.6	13.8	10.7	-8.0	267.7	271.6	1.4	88.1	1.5	121.0
2.5	14.7	441.1	900.0	-10.6	-12.0	309.0	12.1	9.4	-7.6	270.8	275.3	1.7	88.8	2.1	124.0
3.3	16.3	1132.4	875.0	-10.7	-12.3	290.3	9.8	9.2	-3.5	272.4	277.4	1.7	88.1	2.6	123.0
4.1	16.3	1330.9	850.0	-11.0	-11.2	255.7	8.0	7.8	2.0	274.9	279.4	1.7	88.1	2.6	123.0
4.8	21.3	1553.9	825.0	-12.2	-12.5	257.4	8.0	7.8	4.0	275.9	280.7	1.6	97.2	3.2	114.0
5.6	24.0	1734.6	800.0	-13.6	-13.9	257.4	10.1	9.3	3.3	276.9	281.3	1.6	97.2	3.5	109.0
6.4	26.1	2035.7	775.0	-14.8	-15.2	258.8	11.1	10.9	2.2	278.1	282.3	1.5	96.8	3.9	104.0
7.1	28.3	2254.3	750.0	-16.3	-16.5	260.8	11.6	11.4	1.9	279.0	282.9	1.4	96.2	4.4	101.0
8.1	31.2	2534.6	725.0	-16.2	-16.6	267.4	14.7	14.7	0.7	281.9	285.9	1.4	96.7	5.1	99.0
9.2	34.2	2802.5	700.0	-17.2	-18.6	267.2	16.2	16.2	0.8	283.6	287.1	1.3	89.3	6.0	97.0
10.2	36.7	1075.0	175.0	-17.6	-32.6	264.9	17.7	17.7	1.6	286.0	287.1	0.4	26.4	7.1	96.0
11.1	36.4	1350.9	650.0	-19.1	-35.4	266.0	19.0	19.0	1.3	287.4	288.3	0.3	21.9	8.1	96.0
12.1	42.3	1647.9	625.0	-20.0	-36.5	267.8	20.0	20.0	0.3	289.5	290.4	0.3	21.3	9.3	93.0
13.1	44.4	1945.3	600.0	-22.0	-37.8	268.5	21.7	21.6	1.3	290.7	291.4	0.2	22.3	10.7	93.0
14.2	47.9	4263.9	575.0	-24.4	-39.4	268.6	20.3	20.2	1.9	291.4	292.1	0.2	23.2	11.9	92.0
15.2	50.7	4508.0	550.0	-25.9	-41.0	263.5	23.0	22.9	4.4	293.4	294.7	0.2	22.6	13.1	91.0
16.3	53.4	4713.2	525.0	-28.4	-43.2	259.4	23.8	23.4	4.4	294.2	294.7	0.2	22.6	14.7	90.0
17.4	56.8	5250.8	500.0	-31.6	-45.2	260.2	23.1	23.0	4.0	294.5	295.0	0.1	24.3	16.3	89.0
18.4	60.1	5627.5	475.0	-34.7	-47.4	259.0	23.1	22.7	4.4	295.0	295.3	0.1	26.0	17.9	88.0
19.4	63.4	6003.1	450.0	-37.6	-49.0	255.7	24.3	23.5	6.0	296.0	296.3	0.1	26.0	19.9	87.0
20.3	66.3	6348.9	425.0	-40.7	-50.9	256.8	24.3	23.6	5.3	296.9	297.4	99.9	99.9	21.2	86.0
22.2	70.1	6805.4	400.0	-44.3	-54.9	259.0	25.6	25.0	5.3	297.4	297.9	99.9	99.9	23.1	86.0
23.6	73.6	7216.1	175.0	-47.7	-58.9	258.9	23.8	23.4	4.6	298.4	299.0	99.9	99.9	25.2	85.0
25.1	77.4	7686.1	150.0	-51.1	-59.9	258.9	23.9	23.5	4.6	299.8	299.9	99.9	99.9	27.1	85.0
26.4	81.3	8186.6	325.0	-54.1	-59.9	259.2	24.4	24.0	4.6	302.0	302.9	99.9	99.9	29.4	84.0
28.1	85.4	8676.7	300.0	-55.3	-59.9	260.1	22.7	22.0	3.8	307.4	307.9	99.9	99.9	31.4	84.0
29.4	89.8	9227.7	275.0	-58.2	-59.9	253.6	20.7	19.4	5.8	310.9	310.9	99.9	99.9	33.7	84.0
31.7	94.8	9820.3	250.0	-58.7	-59.9	262.3	20.5	20.3	7.7	318.9	318.9	99.9	99.9	36.1	83.0
33.9	99.4	10490.2	225.0	-58.2	-59.9	264.5	17.7	17.7	0.1	335.5	335.5	99.9	99.9	38.5	83.0
36.2	104.4	11215.8	200.0	-58.5	-59.9	260.8	17.7	17.5	2.8	359.6	359.6	99.9	99.9	41.2	83.0
38.4	110.3	12110.4	175.0	-57.5	-59.9	265.4	17.6	17.0	1.3	363.3	363.3	99.9	99.9	43.8	83.0
41.8	116.8	13118.4	150.0	-52.9	-59.9	272.6	21.9	21.9	-1.0	379.0	379.0	99.9	99.9	46.9	84.0
45.4	124.0	14235.9	125.0	-52.3	-59.9	268.9	17.7	17.7	0.3	400.3	400.3	99.9	99.9	51.3	84.0
49.7	132.0	15737.4	100.0	-54.2	-59.9	259.6	14.4	14.1	2.6	423.0	423.0	99.9	99.9	55.2	84.0
53.1	140.1	17571.9	75.0	-57.2	-59.9	272.1	17.0	17.0	-0.6	453.0	453.0	99.9	99.9	60.6	85.0
62.4	149.1	21119.4	50.0	-60.9	-59.9	277.2	22.1	22.0	-2.8	500.0	500.0	99.9	99.9	69.4	86.0
72.1	156.6	24364.4	25.0	-60.2	-59.9	278.7	32.7	32.4	-4.9	595.2	595.2	99.9	99.9	82.6	86.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MUNOM. S D

6 FEBRUARY 1975  
1615 GMT

TIME MIN	CHCT	WFLGHT GPM	PPES MR	TEMP DG C	NEW PT DG C	DIO DG	SPFFD M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	337.0	475.0	-19.4	-26.1	297.0	5.1	4.0	-1.7	255.6	256.8	0.3	55.0	0.0	0.
0.0	99.1	100.0	100.0	-19.4	-19.9	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	0.0	346.6	475.0	-19.4	-26.0	293.6	5.5	5.1	-2.1	255.7	256.9	0.5	55.5	0.0	0.
0.7	10.4	540.3	950.0	-19.3	-23.2	317.9	13.7	8.0	-9.0	258.7	260.3	0.6	65.0	0.5	130.
1.5	12.3	727.7	925.0	-17.5	-22.0	336.6	13.7	5.7	-11.9	261.5	263.3	0.7	64.5	1.1	130.
2.2	14.7	726.9	900.0	-17.5	-23.4	336.3	12.7	5.5	-11.5	263.6	265.3	0.6	59.4	1.6	133.
2.9	17.1	1200.3	875.0	-16.6	-25.4	320.5	13.2	6.4	-10.2	266.6	268.1	0.6	44.8	2.1	140.
3.6	19.3	1424.3	850.0	-16.5	-26.5	313.3	13.4	9.9	-9.4	269.9	270.5	0.5	44.4	2.7	142.
4.3	21.4	1444.5	825.0	-17.3	-21.8	309.7	17.7	10.5	-8.0	270.4	272.6	0.8	64.5	3.3	140.
5.2	24.4	1476.6	800.0	-16.7	-34.4	313.6	14.9	10.4	-10.3	271.2	272.0	0.3	23.0	4.0	130.
6.0	26.8	2114.9	775.0	-19.4	-20.1	318.6	17.0	11.2	-12.7	272.0	274.3	0.5	49.4	4.0	130.
6.8	29.1	3354.3	750.0	-20.2	-24.4	316.5	14.9	13.0	-13.7	274.7	276.7	0.7	69.3	5.7	130.
7.6	32.0	2609.5	725.0	-19.9	-21.5	316.6	14.5	12.7	-13.4	277.0	280.4	0.9	87.2	6.6	130.
8.4	34.7	2649.5	700.0	-21.3	-21.9	316.6	14.6	13.5	-14.2	279.0	281.7	0.9	95.4	7.1	130.
9.4	37.2	4116.7	675.0	-21.3	-23.3	313.2	14.9	14.5	-13.7	274.7	282.2	0.9	102.3	8.0	130.
10.1	40.1	3414.1	650.0	-21.6	-27.2	311.4	20.3	15.2	-13.4	284.6	286.5	0.6	60.8	9.0	137.
11.2	42.7	3734.4	625.0	-21.1	-31.7	315.3	29.3	14.3	-14.4	288.7	289.7	0.4	36.9	10.9	136.
12.2	45.4	4234.0	600.0	-22.9	-31.7	317.4	20.5	13.9	-15.1	289.6	291.0	0.4	44.1	12.0	136.
13.2	48.8	4315.4	575.0	-25.3	-32.7	312.7	19.4	14.2	-13.1	290.4	291.8	0.4	52.2	13.3	136.
14.1	51.5	4636.9	550.0	-27.1	-31.1	310.6	18.1	13.4	-11.0	291.9	293.5	0.5	60.5	14.4	136.
15.4	54.5	4970.9	525.0	-29.0	-32.6	310.6	20.1	14.6	-13.9	293.5	295.0	0.5	71.3	15.7	136.
16.5	57.4	5318.1	500.0	-31.6	-34.2	310.6	21.5	14.7	-15.7	294.5	295.0	0.4	77.7	17.1	136.
17.9	60.5	5679.4	475.0	-33.7	-37.7	313.7	22.7	16.4	-14.7	296.3	297.3	0.3	66.7	18.5	136.
18.7	64.1	6054.5	450.0	-36.6	-40.7	305.4	23.6	19.3	-13.7	297.2	298.0	0.2	65.4	20.1	135.
20.0	67.3	6450.2	425.0	-39.7	-49.9	301.5	23.7	20.2	-12.4	298.1	299.0	99.9	99.9	21.9	134.
21.1	70.0	6841.6	400.0	-43.1	-49.4	302.4	23.3	19.7	-12.5	299.0	299.9	99.9	99.9	23.4	132.
22.4	74.3	7233.4	375.0	-46.3	-49.9	307.6	24.3	19.3	-14.9	300.4	299.9	99.9	99.9	25.2	132.
24.0	78.3	7748.3	350.0	-49.7	-49.9	310.6	26.6	21.7	-16.6	301.8	299.9	99.9	99.9	27.6	132.
25.5	82.0	8230.5	325.0	-52.4	-49.9	305.4	25.3	20.6	-14.7	304.5	299.9	99.9	99.9	30.2	132.
27.2	86.2	8744.3	300.0	-55.1	-49.9	307.4	26.1	22.5	-17.2	307.7	299.9	99.9	99.9	32.9	132.
29.0	90.5	9244.4	275.0	-56.6	-49.9	305.4	25.9	21.1	-15.0	313.3	299.9	99.9	99.9	35.0	131.
31.0	94.2	9701.7	250.0	-56.8	-49.9	309.0	27.6	21.5	-17.4	321.7	299.9	99.9	99.9	39.1	131.
33.3	100.0	10569.7	225.0	-54.9	-49.9	311.6	27.4	20.5	-18.2	330.4	299.9	99.9	99.9	42.9	131.
35.9	105.2	11327.0	200.0	-53.3	-49.9	311.5	23.7	17.8	-15.7	348.3	299.9	99.9	99.9	47.0	131.
39.7	110.3	12194.4	175.0	-51.1	-49.9	319.1	21.0	11.7	-15.8	365.6	299.9	99.9	99.9	50.6	131.
42.1	114.8	13193.5	150.0	-52.9	-49.9	311.4	21.6	14.1	-14.4	378.9	299.9	99.9	99.9	55.1	132.
46.0	123.7	14065.5	125.0	-54.4	-49.9	311.4	21.9	16.4	-14.5	396.2	299.9	99.9	99.9	60.3	132.
51.0	171.3	15070.0	100.0	-53.2	-49.9	317.9	15.7	10.5	-11.6	425.1	299.9	99.9	99.9	64.0	132.
54.0	134.7	17033.9	75.0	-54.8	-49.9	306.0	21.9	17.7	-12.9	456.0	299.9	99.9	99.9	72.1	132.
65.3	148.3	20182.4	50.0	-61.0	-49.9	310.4	22.5	17.1	-14.6	499.8	299.9	99.9	99.9	80.7	131.
74.0	150.0	24424.1	25.0	-64.3	-49.9	314.7	19.3	13.7	-13.4	544.1	299.9	99.9	99.9	92.7	131.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEM MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 055  
ST CLOUD, MINN  
6 FEBRUARY 1975  
1500 GMT

TIME MIN	CNTCT	HEIGHT GM	PQFS MM	TEMP DE C	DEW PT DE C	QIM DG	W/SEC	U COMP M/SEC	V CC4P M/SEC	PUT T DG K	E PUT V DG K	MX RTD GM/KG	RN PCY	RANGE KM	AZ DG
0.0	4.3	316.0	940.7	-19.1	-21.7	310.0	5.7	4.5	-3.7	255.6	257.3	0.7	80.0	0.0	0.
0.9	99.9	1000.0	940.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	0.7	349.5	975.0	-19.2	-22.1	316.2	9.7	4.0	-7.0	255.9	257.6	0.7	77.3	0.1	75.
0.0	0.0	542.4	950.0	-20.0	-21.9	327.3	13.7	7.4	-11.6	257.0	258.0	0.7	85.5	0.5	130.
1.6	10.7	750.1	925.0	-20.4	-21.4	326.6	15.5	6.7	-16.0	258.6	260.5	0.7	88.0	1.1	140.
2.6	12.7	953.6	900.0	-19.3	-19.0	337.5	15.2	5.0	-16.1	262.0	265.1	0.9	80.0	1.9	149.
3.1	14.0	1105.0	875.0	-19.7	-24.0	333.3	15.0	4.3	-16.4	260.6	270.3	0.6	45.0	2.5	152.
3.0	16.5	1346.6	850.0	-16.2	-27.1	336.1	14.5	5.4	-13.5	267.3	270.6	0.5	38.1	3.2	159.
4.7	19.1	1638.4	825.0	-17.5	-24.1	337.2	16.3	6.3	-15.0	270.2	271.5	0.5	38.0	3.9	155.
5.5	21.1	1838.5	800.0	-14.2	-27.8	330.9	15.0	7.7	-13.9	270.7	272.1	0.5	46.4	4.7	155.
6.4	23.6	2074.0	775.0	-21.0	-29.4	327.1	14.1	9.8	-15.2	271.3	272.5	0.4	40.8	5.0	154.
7.3	25.0	2115.1	750.0	-23.1	-29.1	319.4	10.4	10.4	-12.6	271.5	273.6	0.5	67.5	6.5	153.
8.2	27.9	2542.0	725.0	-25.1	-27.5	317.8	17.4	12.0	-13.2	272.0	273.6	0.5	80.3	7.4	151.
9.2	30.4	2817.0	700.0	-25.5	-32.9	319.5	20.1	13.0	-15.3	274.2	275.3	0.3	52.0	8.0	149.
10.4	32.4	3107.4	675.0	-21.4	-37.0	313.9	18.1	13.0	-12.5	281.8	282.4	0.2	21.0	9.0	148.
11.3	35.4	3390.4	650.0	-22.7	-38.8	307.5	15.0	12.5	-9.6	283.3	286.0	0.2	21.2	10.0	140.
12.3	37.9	3675.5	625.0	-23.8	-39.6	305.1	16.4	13.3	-9.5	285.2	285.0	0.2	21.6	11.0	143.
13.4	40.5	3960.7	600.0	-22.7	-38.4	298.4	16.4	14.5	-7.7	289.9	290.6	0.2	22.1	12.7	143.
14.6	43.1	4252.6	575.0	-25.1	-40.2	303.4	16.2	13.5	-8.9	290.6	291.2	0.2	22.9	13.7	140.
15.5	46.0	4574.0	550.0	-27.5	-41.4	305.4	15.7	12.7	-9.2	291.4	292.0	0.2	23.0	15.0	140.
17.2	49.0	4811.4	525.0	-30.1	-44.4	299.7	17.6	15.3	-8.8	292.4	292.4	0.1	23.6	16.2	130.
18.4	51.8	5257.3	500.0	-37.4	-46.7	302.4	14.4	15.5	-9.9	293.9	293.3	0.1	23.4	17.5	137.
19.6	54.0	5615.7	475.0	-35.7	-40.3	302.3	21.5	18.2	-11.5	293.7	294.5	0.2	64.2	19.0	136.
20.7	57.6	5940.7	450.0	-37.5	-40.0	299.9	20.3	17.6	-10.1	296.1	296.9	0.3	77.2	20.3	135.
22.1	61.0	6302.0	425.0	-40.7	99.9	291.0	21.5	20.1	-7.7	296.9	299.9	99.9	99.9	21.0	132.
24.0	64.7	6742.5	400.0	-44.5	99.9	287.2	20.3	19.4	-6.0	297.2	299.9	99.9	99.9	23.3	132.
26.0	68.3	7221.5	375.0	-48.0	99.9	289.0	21.7	20.5	-7.1	298.0	299.9	99.9	99.9	25.0	130.
28.4	71.7	7672.7	350.0	-51.6	99.9	286.3	22.2	21.3	-6.2	299.1	299.9	99.9	99.9	26.0	128.
29.0	75.7	8150.7	325.0	-54.1	99.9	290.3	23.0	21.2	-10.5	302.1	299.9	99.9	99.9	29.1	127.
29.0	80.0	8643.2	300.0	-57.4	99.9	298.0	23.9	21.1	-11.2	304.4	299.9	99.9	99.9	31.7	126.
31.7	84.2	9207.7	275.0	-58.8	99.9	300.7	23.7	20.3	-12.1	309.9	299.9	99.9	99.9	34.4	126.
34.6	88.8	9609.4	250.0	-55.0	99.9	300.2	20.0	17.3	-10.1	323.1	299.9	99.9	99.9	37.1	125.
36.1	94.0	11242.7	220.0	-51.1	99.9	305.4	15.1	15.5	-11.2	351.9	299.9	99.9	99.9	42.6	124.
41.6	105.5	12100.6	175.0	-51.7	99.9	298.8	20.3	17.0	-9.8	344.6	299.9	99.9	99.9	46.2	124.
45.3	112.3	13110.4	150.0	-52.1	99.9	294.7	14.2	16.6	-7.6	300.3	299.9	99.9	99.9	50.0	123.
49.0	120.3	14785.1	125.0	-54.1	99.9	301.4	19.4	16.5	-10.3	337.0	299.9	99.9	99.9	54.2	123.
53.0	127.3	15710.7	100.0	-54.2	99.9	302.9	17.0	14.2	-9.2	433.0	299.9	99.9	99.9	60.0	123.
60.0	139.7	17557.0	75.0	-56.2	99.9	301.2	10.2	15.6	-9.4	455.2	299.9	99.9	99.9	64.3	123.
67.5	151.0	20101.1	50.0	-60.7	99.9	300.4	23.2	20.0	-11.4	506.5	299.9	99.9	99.9	73.1	122.
70.0	161.6	24336.1	25.0	-63.3	99.9	308.5	17.6	13.3	-11.6	602.0	299.9	99.9	99.9	85.4	123.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
3 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 662  
RAPID CITY, S D  
6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MD	TEMP DG C	DFW PT DG C	DIR DG	SPED M/SEC	U M/SEC	V CLMP M/SEC	PUT T DG K	E PUT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	450.0	909.6	-18.3	-24.3	270.0	1.5	1.5	0.0	261.9	203.5	0.6	59.0	0.0	0.
0.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.0	1046.7	900.0	-17.6	-19.8	99.9	99.9	99.9	99.9	267.6	269.9	0.9	59.3	99.9	99.9
1.0	17.3	1260.3	875.0	-17.5	-23.1	99.9	99.9	99.9	99.9	269.9	271.8	0.7	44.0	99.9	99.9
1.7	19.8	1450.6	875.0	-17.5	-24.3	99.9	99.9	99.9	99.9	271.3	273.0	0.6	41.3	99.9	99.9
2.6	22.2	1706.6	825.0	-15.2	-25.8	316.6	14.6	10.0	-10.6	272.6	274.2	0.6	39.7	0.8	141.
3.3	24.8	1938.9	800.0	-15.8	-30.5	320.8	20.6	13.0	-15.9	274.3	275.4	0.4	37.2	1.6	139.
4.2	27.2	2178.5	775.0	-15.1	-36.4	317.9	24.2	15.5	-17.2	277.6	278.1	0.2	14.1	2.8	140.
5.0	29.9	2426.6	750.0	-14.8	-32.8	313.2	23.3	17.0	-15.9	280.6	281.6	0.3	19.9	3.9	138.
5.9	32.7	2687.0	725.0	-15.9	-25.0	318.1	24.1	16.1	-18.0	282.1	284.1	0.7	46.1	5.1	138.
6.6	35.4	2947.1	700.0	-16.4	-30.5	321.3	25.9	16.2	-20.2	284.4	285.9	0.5	34.2	6.3	138.
7.4	38.1	3220.5	675.0	-16.9	-27.1	326.2	25.3	14.1	-21.1	286.7	288.6	0.6	41.0	7.6	139.
8.4	40.7	3502.5	650.0	-19.4	-28.7	327.9	24.8	13.2	-21.0	287.1	289.4	0.8	63.0	8.9	141.
9.3	43.3	3792.4	625.0	-22.3	-25.6	326.3	27.4	15.2	-22.8	287.0	289.3	0.8	81.8	11.9	142.
10.2	46.9	4091.7	600.0	-23.4	-25.6	326.3	28.0	15.5	-23.3	289.1	291.5	0.8	81.8	11.9	142.
11.1	50.0	4402.6	575.0	-24.2	-27.3	327.9	26.9	14.3	-22.8	291.7	293.8	0.7	75.2	13.3	143.
12.1	53.0	4726.0	550.0	-25.5	-30.9	323.6	26.7	15.8	-21.5	293.8	294.9	0.4	40.7	15.0	143.
13.1	56.0	5062.9	525.0	-26.3	-34.9	318.2	27.0	18.0	-20.1	296.7	297.0	0.1	8.4	16.4	143.
14.1	59.4	5413.7	500.0	-29.1	-51.7	318.7	27.6	18.2	-20.7	297.5	297.7	0.1	9.1	18.2	142.
15.1	62.9	5778.5	475.0	-31.6	-42.4	322.9	26.8	16.2	-21.4	298.8	299.5	0.2	34.0	19.8	142.
16.2	66.3	6159.4	450.0	-33.6	-44.7	324.1	27.1	15.9	-21.9	301.0	301.5	0.2	31.3	21.6	142.
17.5	70.0	6554.1	425.0	-36.7	-48.3	321.4	28.6	17.9	-23.4	301.9	302.3	0.1	27.8	23.6	142.
18.7	73.3	6975.0	400.0	-40.4	-53.9	320.3	27.4	17.0	-21.6	302.5	303.9	99.9	99.9	25.8	142.
20.0	77.5	7411.0	375.0	-44.3	-59.9	322.6	32.7	19.9	-25.4	302.8	303.6	99.9	99.9	28.0	142.
21.5	81.3	7869.2	350.0	-48.3	-64.9	320.1	30.6	19.6	-26.0	303.6	304.9	99.9	99.9	31.0	142.
23.0	85.6	8353.5	325.0	-51.8	-69.9	318.2	34.5	23.0	-25.7	305.3	306.9	99.9	99.9	33.7	142.
24.7	90.0	8869.7	300.0	-54.6	-74.9	316.8	40.0	27.4	-29.1	308.5	309.9	99.9	99.9	37.6	142.
26.2	94.6	9427.5	275.0	-57.5	-79.9	319.4	45.1	29.3	-34.2	311.9	312.9	99.9	99.9	41.3	141.
27.9	99.5	10021.1	250.0	-60.1	-84.9	318.1	38.5	25.7	-38.6	316.7	317.9	99.9	99.9	45.9	141.
29.8	104.5	10679.9	225.0	-54.2	-89.1	322.7	44.8	23.5	-30.9	320.3	320.9	99.9	99.9	50.6	141.
31.7	110.0	11430.9	200.0	-53.9	-94.9	323.8	32.4	19.1	-28.1	347.4	347.9	99.9	99.9	54.2	141.
34.3	115.8	12290.1	175.0	-52.5	-99.9	321.2	27.2	17.1	-21.2	363.2	363.9	99.9	99.9	58.9	141.
37.0	122.5	13242.4	150.0	-56.0	-99.9	307.3	30.2	24.1	-18.3	373.6	373.9	99.9	99.9	62.5	141.
40.7	129.7	14444.4	125.0	-54.2	-99.9	326.1	22.9	12.7	-19.0	396.8	396.9	99.9	99.9	68.6	140.
44.4	137.0	15867.0	100.0	-55.4	-99.9	328.6	23.4	12.2	-20.0	420.8	420.9	99.9	99.9	74.2	141.
48.9	144.7	17693.7	75.0	-58.4	-99.9	303.1	20.7	17.4	-11.3	450.5	450.9	99.9	99.9	79.1	140.
54.4	152.7	20235.0	50.0	-59.9	-99.9	313.1	19.8	14.4	-13.5	502.4	502.9	99.9	99.9	85.1	140.
63.5	161.3	24512.9	25.0	-65.0	-99.9	999.9	99.9	99.9	99.9	598.1	598.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE 2 UR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1415 GMT

TIME MIN	CNTCT	WIGHT SP4	PRES MM	TEMP DG C	DRW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	165 13.0	
														RANGE KM	AZ DG
0.0	6.2	140.0	432.8	5.5	2.5	200.0	3.1	2.9	-1.1	279.8	291.7	4.6	81.0	0.0	0.
0.9	99.2	94.9	1000.0	94.9	99.2	94.9	94.9	99.9	99.9	94.9	999.9	99.9	999.9	999.9	999.9
0.6	7.7	327.2	975.0	2.7	0.9	303.8	6.4	5.3	-3.6	278.4	289.2	4.2	88.0	0.2	127.
1.5	9.9	536.9	950.0	0.9	0.1	301.9	8.6	5.6	-3.5	278.6	289.2	4.1	96.2	0.5	123.
2.3	11.9	740.7	975.0	-1.1	-1.1	309.7	5.5	4.2	-3.5	278.7	289.2	3.8	98.5	0.6	125.
3.1	14.2	998.9	900.0	-2.7	-2.7	317.6	6.3	4.3	-4.7	279.2	288.3	3.5	100.4	1.1	126.
3.9	16.2	1192.1	875.0	-3.6	-3.7	249.1	7.5	6.9	-3.1	280.5	288.3	3.0	89.1	1.4	128.
4.9	18.5	1421.7	850.0	-2.1	-1.1	203.2	10.4	10.1	-2.4	284.1	288.4	1.5	19.2	2.0	121.
5.8	20.7	1653.1	825.0	-1.9	-12.2	248.3	16.1	15.0	5.9	286.8	291.9	1.8	45.0	2.6	112.
6.8	23.0	1903.1	800.0	-3.5	-10.6	250.9	15.1	14.3	4.9	287.6	293.6	2.1	58.1	3.3	101.
7.8	25.4	2153.5	775.0	-5.1	-11.1	249.1	16.6	15.5	5.9	288.6	294.5	2.1	61.3	4.1	95.
8.7	27.9	2410.4	750.0	-7.0	-12.3	245.4	18.3	16.8	7.3	289.2	294.8	2.0	65.6	5.0	89.
9.8	30.3	2676.3	725.0	-8.3	-13.3	245.4	21.5	19.5	8.9	290.5	295.9	1.9	67.3	6.2	85.
10.9	32.9	2936.1	700.0	-9.6	-16.0	243.2	24.4	21.8	11.0	292.0	296.6	1.6	59.5	7.6	81.
11.9	35.5	3206.1	675.0	-11.4	-18.1	242.2	26.3	23.0	12.7	293.1	298.3	1.8	75.8	9.1	77.
13.0	38.1	3514.8	650.0	-13.3	-16.2	242.2	29.2	25.8	13.6	294.1	298.9	1.7	78.7	10.9	75.
14.1	40.7	3812.9	625.0	-14.6	-18.9	244.9	30.4	27.9	13.1	296.0	30.7	1.6	82.3	12.8	73.
15.3	43.6	4121.3	600.0	-16.3	-18.4	246.0	35.0	32.0	14.2	297.4	301.5	1.5	83.7	15.0	72.
16.4	46.4	4440.6	575.0	-18.2	-20.4	248.8	37.6	35.1	13.6	298.8	302.5	1.3	79.4	17.5	71.
17.6	49.5	4771.3	550.0	-20.4	-23.4	248.3	41.4	38.6	14.9	300.0	303.2	1.0	76.4	20.4	71.
18.9	52.4	5119.6	525.0	-21.6	-25.5	248.7	45.1	42.0	16.4	301.4	304.2	0.9	76.5	23.7	71.
20.0	55.5	5471.0	500.0	-25.1	-28.0	249.7	48.74	45.7	16.9	302.5	304.9	0.8	76.7	27.0	71.
21.6	58.7	5844.1	475.0	-24.1	-26.4	247.7	54.88	55.3	22.7	308.2	311.2	0.9	81.0	31.8	70.
23.0	62.1	6236.5	450.0	-27.0	-30.2	248.5	58.88	53.0	25.3	309.3	311.5	0.7	74.1	36.7	70.
24.5	65.6	6646.2	425.0	-24.9	-31.1	244.0	59.24	53.3	25.9	310.7	312.5	0.5	73.7	42.4	69.
26.1	69.3	7075.0	400.0	-31.8	-38.1	246.1	59.69	51.7	22.9	311.1	312.3	0.4	56.6	48.3	68.
27.6	72.9	7523.9	375.0	-37.8	-43.2	246.9	53.18	48.9	20.8	311.5	312.2	0.2	56.6	52.6	68.
29.3	76.3	7995.6	350.0	-41.4	-49.9	245.4	45.48	44.4	35.4	312.9	999.9	99.9	999.9	59.6	68.
31.1	80.9	8498.7	325.0	-45.1	-49.9	247.4	41.98	45.8	30.9	314.5	999.9	99.9	999.9	68.2	68.
33.4	85.1	9028.0	300.0	-50.0	-49.9	253.5	19.688	14.8	5.6	314.9	999.9	99.9	999.9	79.4	68.
35.9	90.0	9585.7	275.0	-54.9	-49.9	35.3	7.28	-4.2	-5.9	315.7	999.9	99.9	999.9	79.9	69.
38.0	95.0	10130.5	250.0	-58.1	-49.9	252.6	106.68	101.7	31.9	319.6	999.9	99.9	999.9	95.2	68.
40.4	100.2	10833.8	225.0	-54.6	-49.9	246.0	48.988	70.4	35.4	327.3	999.9	99.9	999.9	99.9	68.
43.3	106.0	11548.2	200.0	-54.4	-49.9	246.1	174.288	159.3	70.5	346.6	999.9	99.9	999.9	113.7	69.
46.2	112.0	12492.8	175.0	-54.9	-49.9	242.3	27.188	24.0	12.6	359.3	999.9	99.9	999.9	132.2	68.
49.4	119.0	13426.3	150.0	-58.5	-49.9	252.8	71.688	64.3	21.2	369.4	999.9	99.9	999.9	148.9	68.
53.3	127.0	14576.7	125.0	-59.1	-49.9	247.5	91.988	84.9	35.2	387.9	999.9	99.9	999.9	158.3	68.
57.7	135.7	15960.7	100.0	-61.5	-49.9	250.0	35.988	34.9	8.7	409.0	999.9	99.9	999.9	169.5	68.
63.6	144.5	17751.0	75.0	-61.9	-49.9	72.3	30.888	-29.4	-9.4	443.2	999.9	99.9	999.9	174.8	68.
71.1	154.5	20255.0	50.0	-64.5	-49.9	60.6	24.888	-21.6	-12.2	491.5	999.9	99.9	999.9	190.8	68.
87.4	165.3	24498.8	25.0	-63.4	-49.9	252.7	51.38	48.9	15.7	602.4	999.9	99.9	999.9	188.2	69.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**Sounding Data****6 February 1975****1800 GMT**

STATION NO. 208  
CHARLESTON, SC6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE NM	AZ DG
0.0	5.2	13.0	1010.8	16.1	9.5	270.0	3.6	3.6	0.0	289.4	308.7	7.4	65.0	0.0	0.
0.3	5.4	104.5	1000.0	15.9	9.8	994.3	99.9	99.9	99.9	290.1	310.0	7.6	65.9	999.9	999.
1.0	6.0	319.0	975.0	13.9	9.1	999.9	99.9	99.9	99.9	290.1	309.6	7.5	72.9	999.9	999.
1.7	10.1	537.8	950.0	12.2	6.5	999.9	99.9	99.9	99.9	290.4	307.4	6.4	67.7	999.9	999.
2.4	12.2	761.2	925.0	11.2	7.4	999.9	99.9	99.9	99.9	291.7	310.3	7.0	77.7	999.9	999.
3.0	14.4	989.8	900.0	9.4	8.4	999.9	99.9	99.9	99.9	292.2	312.5	7.7	93.8	999.9	999.
3.5	14.5	1223.6	875.0	8.6	8.1	260.9	15.3	15.3	2.4	293.8	314.5	7.8	96.7	1.9	81.
4.6	14.7	1463.4	850.0	7.4	6.3	255.6	18.7	18.1	4.7	294.8	314.1	7.2	94.0	2.6	80.
5.5	20.9	1709.0	825.0	6.9	-10.5	253.4	20.0	19.2	5.7	296.2	302.4	2.2	28.7	3.7	78.
6.3	23.3	1961.9	800.0	6.9	-19.0	247.4	20.3	18.8	7.8	298.6	301.9	1.1	13.8	4.7	77.
7.3	25.0	2222.1	775.0	5.3	-13.0	244.9	21.3	19.3	9.0	299.8	304.9	1.7	24.0	5.9	74.
8.2	28.0	2484.5	750.0	2.9	-9.7	246.2	22.5	20.6	9.1	300.1	307.2	2.4	38.9	7.0	73.
9.1	30.5	2762.6	725.0	1.7	-12.2	243.0	24.2	21.6	11.0	301.6	307.7	2.1	34.8	8.3	72.
10.1	31.0	3044.6	700.0	-0.0	-10.1	240.4	26.4	22.9	13.0	302.7	310.2	2.5	48.7	9.8	70.
11.1	35.5	3335.1	675.0	-1.9	-7.3	242.1	29.6	26.2	13.8	303.9	313.5	3.3	66.7	11.9	69.
12.1	38.2	3614.1	650.0	-4.1	-5.4	243.0	30.8	27.4	14.0	304.8	316.3	3.9	90.7	13.3	68.
13.1	40.7	3842.7	625.0	-6.1	-12.7	243.0	30.7	27.3	13.9	305.8	312.7	2.3	59.8	15.1	67.
14.2	43.6	4261.3	600.0	-8.3	-14.6	243.0	33.7	30.1	15.3	306.8	313.0	2.0	68.2	17.2	67.
15.4	46.5	4590.1	575.0	-11.3	-12.7	244.9	34.6	31.4	14.7	307.1	314.6	2.5	88.9	19.7	66.
16.5	49.5	4910.0	550.0	-13.2	-20.2	245.9	34.8	31.8	14.2	308.6	312.9	1.4	55.3	22.0	66.
17.6	52.4	5183.9	525.0	-13.9	-25.2	249.1	37.1	34.6	13.2	311.8	314.8	0.9	37.9	24.8	66.
18.8	55.5	5453.7	500.0	-16.1	-24.7	250.6	39.5	36.4	12.7	313.5	316.8	1.0	47.4	27.2	67.
20.0	58.6	6037.7	475.0	-18.5	-30.4	249.1	41.3	38.5	14.8	315.1	317.2	0.6	34.1	30.8	67.
21.4	62.1	6414.8	450.0	-21.5	-33.4	246.7	42.8	39.3	16.9	316.3	318.0	0.5	33.7	33.4	67.
22.7	65.6	6557.8	425.0	-24.8	-32.4	248.3	45.8	42.5	16.4	317.3	319.3	0.6	48.7	36.9	67.
24.1	69.1	7296.1	400.0	-27.7	-38.6	251.9	50.0	47.5	15.5	319.0	320.2	0.3	34.2	40.6	68.
25.6	72.3	7754.5	375.0	-31.7	-43.8	250.9	52.0	49.1	17.0	319.6	320.4	0.2	28.7	45.6	68.
27.2	76.5	8247.8	350.0	-35.6	-47.4	249.3	51.8	48.4	18.3	320.6	321.2	0.1	28.5	51.1	68.
29.0	80.4	8751.5	325.0	-40.2	-49.9	247.1	53.5	44.3	20.4	321.2	321.2	99.9	99.9	56.0	68.
30.9	85.2	9292.4	300.0	-44.2	-49.9	246.7	41.5	38.7	15.1	323.1	323.1	99.9	99.9	61.4	68.
32.8	89.8	9870.2	275.0	-48.8	-49.9	249.7	63.0	59.7	22.1	324.0	324.0	99.9	99.9	67.2	68.
34.9	94.5	10444.4	250.0	-54.3	-49.9	248.4	47.8	44.1	17.4	325.3	325.3	99.9	99.9	73.3	68.
37.0	100.0	11154.4	225.0	-57.6	-49.9	236.3	50.1	41.7	27.8	330.2	330.2	99.9	99.9	79.6	68.
39.5	105.5	11799.0	200.0	-60.8	-49.9	239.2	58.0	50.4	28.0	336.5	336.5	99.9	99.9	100.0	68.
42.8	111.8	12741.2	175.0	-54.7	-49.9	239.8	76.8	44.1	28.6	359.6	359.6	99.9	99.9	117.9	68.
44.3	118.5	13715.5	150.0	-54.1	-49.9	245.9	79.3	72.4	32.4	368.3	368.3	99.9	99.9	132.6	68.
50.4	126.3	14852.9	125.0	-61.7	-49.9	249.7	43.3	40.6	15.0	383.3	383.3	99.9	99.9	148.8	68.
55.1	135.0	16215.0	100.0	-65.9	-49.9	236.5	27.5	23.0	9.8	400.5	400.5	99.9	99.9	168.7	68.
60.4	143.7	17944.3	75.0	-67.6	-49.9	250.2	28.9	27.2	9.8	431.3	431.3	99.9	99.9	190.7	68.
68.5	153.7	20422.8	50.0	-64.6	-49.9	250.1	32.4	30.8	11.0	491.4	491.4	99.9	99.9	171.8	68.
80.8	164.5	24724.0	25.0	-59.4	-49.9	252.5	18.9	17.4	5.5	614.1	614.1	99.9	99.9	184.1	7.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LFSS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1730 GMT

TIME MIN	CNCT	HEIGHT GDM	PHLS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.0	1013.1	1013.1	22.7	20.0	210.0	7.7	7.8	6.7	296.7	335.1	14.8	85.0	0.0	0.
0.3	5.9	123.4	1000.0	21.9	20.3	209.7	11.2	5.5	9.7	297.1	336.7	19.2	91.1	0.4	34.
1.0	8.2	343.5	975.0	20.2	19.6	219.2	11.8	7.5	9.2	297.4	336.5	15.0	96.8	0.8	34.
1.8	10.5	508.1	950.0	19.4	17.7	224.3	11.0	7.7	7.9	297.7	333.4	13.6	95.7	1.4	40.
2.6	12.6	797.2	925.0	17.3	16.4	200.5	10.1	3.5	9.4	298.7	332.6	12.8	94.4	1.8	37.
3.4	14.1	1011.5	930.0	16.6	13.1	220.6	9.8	6.4	7.4	300.0	328.4	10.6	79.8	2.3	34.
4.3	17.2	1271.4	875.0	14.9	10.6	211.7	10.3	5.4	8.7	300.5	325.4	9.2	75.5	2.8	35.
5.1	19.7	1516.7	850.0	13.2	9.0	208.4	10.8	5.1	9.5	301.1	325.3	8.9	79.0	3.3	34.
6.1	22.0	1767.6	825.0	11.5	8.6	215.5	11.4	6.6	9.3	301.8	323.2	8.4	87.5	3.9	34.
7.0	24.5	2074.7	800.0	9.4	7.4	219.9	11.8	7.6	9.0	302.3	323.7	8.1	87.2	4.6	34.
7.9	26.9	2287.9	775.0	8.2	6.9	222.9	10.8	7.6	7.6	303.5	323.1	7.1	79.9	5.2	35.
8.9	29.4	2558.6	750.0	6.9	1.7	237.6	11.2	9.5	6.0	304.8	321.2	5.8	73.6	5.8	37.
9.3	32.2	2836.7	725.0	5.1	0.8	241.3	13.2	11.6	6.4	305.8	321.8	5.6	73.6	6.5	39.
10.9	34.9	3122.5	700.0	3.1	0.3	240.4	14.7	12.7	7.0	306.7	322.7	5.6	81.9	7.2	42.
11.6	37.4	3416.5	675.0	0.9	-3.5	241.8	14.8	13.0	7.0	307.2	320.1	4.4	72.9	8.1	46.
12.9	40.2	3719.5	650.0	0.2	-12.4	249.0	14.8	13.9	8.3	309.5	316.7	2.4	40.1	8.9	46.
14.0	43.0	4032.6	625.0	-1.8	-21.4	247.1	17.4	16.1	6.8	310.5	314.0	1.1	20.6	9.9	48.
15.1	45.9	4358.1	600.0	-4.0	-21.7	247.6	17.8	16.4	6.8	311.6	315.2	1.1	23.8	11.0	50.
16.1	48.9	4690.2	575.0	-6.9	-18.6	250.4	18.5	17.5	6.2	312.1	317.8	1.8	45.9	12.1	52.
17.1	51.4	5035.7	550.0	-9.2	-17.5	250.4	21.0	19.8	7.0	313.3	318.9	1.8	51.0	13.2	54.
18.3	55.0	5394.4	525.0	-10.5	-20.7	251.0	23.1	21.8	7.5	315.8	318.5	0.8	24.9	14.8	55.
19.6	58.0	5764.9	500.0	-11.8	-30.1	251.4	26.0	24.6	8.3	318.6	319.5	0.3	8.2	16.5	57.
20.9	61.4	6150.4	475.0	-14.9	-43.1	247.3	29.4	27.1	11.4	319.5	320.1	0.2	6.8	18.7	59.
22.2	64.3	6566.6	450.0	-17.2	-48.1	242.7	32.9	29.2	15.1	321.5	321.9	0.1	4.8	21.0	59.
23.6	68.1	6992.7	425.0	-20.8	-48.4	241.4	32.7	28.7	15.6	322.3	322.7	0.1	6.4	24.2	60.
25.3	71.6	7437.2	400.0	-24.2	-49.5	240.7	30.1	27.7	11.9	323.5	323.9	0.1	7.6	27.2	61.
27.0	75.3	7904.5	375.0	-27.5	-50.2	248.1	33.2	30.8	12.4	325.1	325.3	0.0	4.5	30.4	61.
28.9	79.3	8397.6	350.0	-30.5	-48.4	248.9	32.9	30.7	11.9	327.6	328.1	0.1	15.3	34.2	62.
30.6	83.3	8920.0	325.0	-34.8	-50.4	249.1	34.3	32.1	12.2	328.7	329.1	0.1	18.8	37.5	62.
32.3	87.3	9473.5	300.0	-37.5	-51.8	251.2	33.8	32.0	10.9	329.6	330.0	0.1	25.2	40.9	63.
34.2	92.0	10063.0	275.0	-40.1	-59.9	255.9	35.4	34.3	8.6	331.4	331.4	99.9	99.9	44.7	64.
36.4	96.5	10694.7	250.0	-48.9	-59.3	247.9	40.6	37.6	15.2	333.3	333.3	99.9	99.9	49.8	65.
38.5	101.8	11340.4	225.0	-57.6	-59.4	243.5	44.7	40.0	20.0	338.0	338.0	99.9	99.9	55.0	65.
41.1	107.2	12136.7	200.0	-54.8	-59.9	240.6	45.3	43.3	25.5	345.9	345.9	99.9	99.9	62.5	64.
44.2	113.0	12982.9	175.0	-57.1	-59.9	241.2	62.38	54.6	30.0	355.6	355.6	99.9	99.9	73.8	64.
47.6	119.3	13950.2	150.0	-61.8	-59.7	240.9	60.08	52.2	29.6	363.6	363.6	99.9	99.9	88.5	64.
51.8	124.3	15063.6	125.0	-65.4	-59.4	240.2	53.98	48.3	21.8	377.6	377.6	99.9	99.9	100.0	64.
56.9	133.7	16418.7	100.0	-67.3	-59.9	99.9	99.9	99.9	99.9	397.7	397.7	99.9	99.9	99.9	99.9
63.0	141.0	18122.4	75.0	-71.5	-59.9	99.9	99.9	99.9	99.9	423.1	423.1	99.9	99.9	99.9	99.9
71.2	148.7	20548.4	50.0	-63.9	-59.9	250.1	12.48	12.0	3.0	493.0	493.0	99.9	99.9	132.9	63.
83.5	156.5	24938.9	25.0	-57.7	-59.9	99.9	99.9	99.9	99.9	619.4	619.4	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 213  
WAYCROSS, GA6 FEBRUARY 1975  
1800 GMT

TIME MIN	CNTCT	WPGHT GFM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	44.0	1026.0	14.6	14.9	310.0	2.6	2.0	-1.7	292.7	320.4	10.7	79.9	0.0	0.
0.1	4.9	45.4	1030.0	17.6	14.4	288.2	2.7	2.6	-0.9	292.1	319.1	10.4	81.7	0.1	85.
0.9	6.9	311.5	375.0	15.5	13.4	286.1	2.7	2.6	-0.8	292.0	317.9	10.0	87.1	0.2	110.
1.7	9.1	531.5	450.0	13.4	12.5	300.3	3.5	3.1	-1.8	292.1	317.3	9.7	94.6	0.3	113.
2.5	11.1	753.9	425.0	11.9	11.3	284.0	6.7	6.5	-1.6	292.6	316.5	9.1	96.1	0.4	114.
3.3	13.5	944.9	490.0	9.9	6.9	267.6	10.5	10.5	0.4	292.6	311.1	7.0	81.9	0.6	107.
4.2	15.9	1214.3	475.0	9.7	5.8	254.6	12.8	12.4	3.4	294.8	312.7	6.6	76.4	1.4	96.
5.2	17.4	1451.7	450.0	8.0	4.8	248.4	13.6	12.6	5.0	295.4	312.6	6.4	79.8	2.3	88.
6.2	20.3	1705.2	425.0	6.0	3.4	234.7	15.1	12.3	8.7	295.7	311.9	5.9	83.4	3.1	80.
7.4	22.6	1957.4	400.0	5.1	3.4	232.4	18.5	14.7	11.3	297.4	314.2	6.1	88.5	4.2	73.
8.4	25.1	2211.7	375.0	3.9	2.6	234.5	21.8	20.3	12.5	298.8	315.2	6.0	90.7	6.0	68.
9.4	27.5	2462.9	350.0	1.8	0.6	236.3	24.4	20.6	12.8	299.2	314.1	5.4	92.2	7.8	68.
11.2	30.1	2754.2	325.0	1.0	-0.2	244.1	25.7	23.2	11.2	301.2	315.9	5.2	92.0	9.4	65.
12.4	32.8	3034.2	300.0	-0.2	-1.3	248.3	26.6	24.7	9.8	302.9	317.1	5.0	92.2	11.4	65.
13.7	35.3	3324.2	275.0	-1.6	-2.5	249.4	26.7	24.8	9.3	304.4	318.0	4.7	94.0	13.5	66.
15.1	38.1	3673.1	250.0	-3.4	-4.3	250.1	27.4	25.4	9.7	305.6	318.1	4.3	93.9	15.9	67.
16.4	40.8	3974.1	225.0	-4.5	-5.6	248.7	28.9	25.0	9.7	307.8	319.5	4.0	91.9	18.4	67.
18.2	43.3	4254.7	200.0	-6.5	-7.9	251.9	28.4	27.0	8.8	309.0	319.4	3.5	90.1	20.6	67.
19.1	46.3	4511.7	175.0	-8.3	-9.4	244.6	29.5	27.6	10.3	310.7	320.2	3.2	88.4	22.8	68.
20.6	49.3	4715.4	150.0	-10.3	-12.1	237.0	32.4	27.2	17.7	312.2	320.8	2.8	86.7	25.0	68.
22.0	52.3	4874.2	125.0	-12.5	-14.5	240.2	35.0	30.4	17.4	313.6	320.9	2.4	84.8	27.9	68.
23.4	55.3	5044.6	100.0	-14.5	-16.5	244.2	30.74	27.6	13.4	315.6	322.0	2.1	82.5	30.5	68.
24.8	58.3	5211.6	75.0	-17.2	-19.8	248.3	40.74	36.7	17.7	316.8	322.1	1.7	80.4	33.6	68.
26.1	62.3	5455.3	50.0	-19.8	-22.5	246.3	31.54	26.9	12.6	318.5	323.0	1.4	78.9	36.3	68.
27.5	65.3	5677.3	25.0	-22.3	-25.8	245.8	45.64	41.6	18.7	319.7	323.3	1.1	77.0	39.3	68.
28.2	70.1	5819.2	400.0	-26.0	-29.2	246.3	46.84	42.9	18.0	321.2	324.1	0.8	74.3	44.0	64.
30.4	73.3	5781.3	175.0	-29.0	-33.1	241.9	41.24	36.2	19.6	322.4	324.6	0.6	71.6	47.9	64.
32.1	76.3	4271.4	350.0	-23.4	-37.6	247.9	50.44	46.7	18.3	323.2	324.7	0.4	68.0	51.8	64.
34.0	82.2	4750.4	325.0	-37.7	-41.9	243.5	54.84	49.1	24.5	324.6	325.7	0.3	64.6	56.8	64.
35.9	86.3	4131.0	300.0	-42.5	99.9	241.1	51.74	45.3	25.0	325.4	325.9	99.9	99.9	62.9	65.
38.1	91.4	4914.7	275.0	-47.6	99.9	242.9	51.94	46.1	23.6	326.4	326.4	99.9	99.9	70.2	65.
40.4	94.4	10517.0	250.0	-53.2	99.9	242.2	71.44	43.1	33.3	327.0	327.0	99.9	99.9	78.3	65.
43.1	101.4	11299.2	225.0	-57.1	99.9	249.3	57.94	54.1	20.5	331.1	329.9	99.9	99.9	90.5	65.
46.3	107.6	11947.8	200.0	-60.1	99.9	246.1	65.74	60.1	26.6	337.5	329.9	99.9	99.9	100.4	65.
49.7	114.3	12794.1	175.0	-54.3	99.9	240.3	77.84	63.2	36.1	360.4	329.9	99.9	99.9	116.0	65.
54.0	121.0	13776.3	150.0	-56.4	99.9	240.8	65.94	57.5	32.1	372.9	329.9	99.9	99.9	134.9	64.
58.2	128.7	14914.4	125.0	-63.9	99.9	236.1	31.64	24.4	20.4	379.4	329.9	99.9	99.9	143.2	64.
63.6	137.3	16755.8	100.0	-66.7	99.9	246.1	49.44	45.2	20.0	388.9	329.9	99.9	99.9	161.5	64.
70.2	145.3	13023.3	75.0	-68.6	99.9	243.6	55.54	49.7	24.7	429.2	329.9	99.9	99.9	177.1	64.
79.0	154.3	20464.9	50.0	-62.9	99.9	249.0	52.04	48.0	18.6	495.4	329.9	99.9	99.9	198.5	64.
92.4	163.7	24741.8	25.0	-58.3	99.9	246.1	22.04	20.1	8.9	617.4	329.9	99.9	99.9	218.3	65.

\* RV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* RV TEMP MEANS TEMPERATURE OF TINF HAVE BEEN INTERPOLATED

\*\* RV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA6 FEBRUARY 1975  
1800 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	11.0	1012.4	16.1	15.1	230.0	1.5	1.1	1.0	264.7	317.2	10.8	94.0	0.0	0.
0.4	5.0	11.3	1000.0	14.3	11.7	318.8	8.1	5.4	-6.1	288.6	311.0	8.7	84.3	0.2	114.
1.2	6.9	330.3	975.0	14.7	9.8	294.1	9.1	8.3	-3.7	291.0	311.6	7.8	72.4	0.5	124.
1.9	8.3	550.2	950.0	14.4	9.4	277.5	12.0	11.9	-1.6	292.8	313.5	7.8	72.2	1.0	114.
2.7	10.7	775.0	925.0	13.6	8.7	276.4	12.6	12.6	-1.4	294.3	314.7	7.7	71.9	1.5	104.
3.4	12.8	1006.1	900.0	11.9	10.2	272.4	13.1	13.1	-0.5	294.9	318.1	8.7	89.3	2.1	105.
4.2	15.0	1242.1	875.0	11.0	9.3	263.2	14.6	14.5	1.7	296.4	319.9	8.8	92.8	2.7	101.
5.1	17.0	1444.1	850.0	9.7	8.6	255.8	20.0	19.4	4.9	297.4	319.7	8.3	93.6	3.6	95.
6.0	19.1	1712.3	825.0	8.8	6.7	252.3	25.3	24.1	7.6	298.9	319.3	7.5	86.7	4.7	90.
6.8	21.4	1987.0	800.0	7.4	5.6	249.5	28.9	27.1	10.1	300.0	319.6	7.2	88.1	6.1	86.
7.8	23.4	2248.4	775.0	6.3	4.4	245.8	30.1	27.4	12.4	301.5	320.2	6.8	87.4	7.8	82.
8.5	25.4	2516.8	750.0	4.2	2.4	242.5	27.3	24.3	12.6	301.9	319.3	6.3	90.7	9.5	78.
9.8	28.3	2742.7	725.0	2.3	1.4	238.6	26.2	22.3	13.6	302.7	319.1	5.9	93.6	11.0	76.
10.8	30.3	3075.4	700.0	0.7	-0.2	233.9	29.6	23.9	17.4	303.9	319.2	5.4	94.0	12.5	73.
11.8	33.3	3367.0	675.0	-0.9	-1.8	234.0	33.4	27.0	19.6	305.3	319.5	5.0	93.4	14.3	71.
12.8	35.8	3667.6	650.0	-2.6	-3.7	235.9	34.8	28.9	19.5	306.6	319.6	4.5	91.5	16.3	69.
13.9	38.4	3974.2	625.0	-4.4	-6.8	236.2	33.7	28.0	18.7	307.8	319.7	3.7	83.8	18.3	67.
15.0	41.0	4294.5	600.0	-5.3	-7.7	233.4	30.1	24.2	18.0	310.4	321.1	3.6	83.0	20.7	66.
16.1	43.4	4612.9	575.0	-7.5	-9.0	232.8	32.5	25.8	19.6	311.6	322.6	3.4	89.1	22.5	65.
17.3	46.7	4978.7	550.0	-9.4	-10.5	233.3	40.9	32.8	24.4	313.3	322.6	3.1	92.0	25.0	64.
18.4	49.3	5336.9	525.0	-11.5	-12.7	234.9	42.4	34.6	24.5	314.9	323.3	2.7	90.8	28.0	63.
19.6	52.0	5704.7	500.0	-13.9	-15.3	234.9	35.5	29.0	20.4	316.3	323.6	2.3	89.5	31.0	62.
21.0	55.7	6097.7	475.0	-16.7	-20.7	236.4	38.0	31.6	21.0	317.5	322.4	1.5	70.6	33.6	61.
22.2	59.0	6501.6	450.0	-19.9	-29.3	238.0	40.6	34.4	21.5	318.3	320.8	0.7	42.5	36.6	61.
23.6	62.4	6924.0	425.0	-22.1	-32.6	241.9	35.5	31.3	16.7	320.7	320.9	0.1	4.8	39.7	61.
25.0	65.7	7366.6	400.0	-25.7	-36.4	243.7	42.5	36.1	18.8	321.5	321.5	0.0	1.0	42.6	61.
26.8	69.7	7813.6	375.0	-29.8	-43.7	241.2	61.1	53.5	29.4	322.1	322.2	0.0	2.1	48.2	61.
28.5	73.5	8314.5	350.0	-33.5	-42.1	240.7	51.2	44.4	25.4	323.5	323.6	0.0	3.8	54.6	61.
30.6	77.7	8814.0	325.0	-37.6	-49.9	239.5	69.9	60.3	35.5	324.7	325.1	0.1	21.8	60.5	61.
32.1	81.3	9311.6	300.0	-41.6	-54.9	233.1	63.5	50.3	37.9	326.8	326.8	99.9	99.9	68.9	61.
34.3	86.4	9844.7	275.0	-46.9	-60.9	220.4	43.0	27.9	32.7	327.4	327.4	99.9	99.9	74.4	59.
36.6	91.4	10500.1	250.0	-51.4	-69.9	214.8	47.9	26.9	38.8	329.6	329.6	99.9	99.9	79.7	58.
38.7	96.5	11264.9	225.0	-57.7	-79.9	208.4	38.9	18.5	34.3	330.1	330.1	99.9	99.9	85.8	56.
41.2	102.3	11994.3	200.0	-62.7	-99.9	225.8	54.4	39.0	37.8	333.8	333.8	99.9	99.9	93.9	55.
44.2	108.7	12813.9	175.0	-69.7	-99.9	212.1	66.7	76.3	59.4	351.4	351.4	99.9	99.9	105.2	54.
47.4	115.3	13780.4	150.0	-62.4	-99.9	233.7	71.7	57.4	43.0	362.6	362.6	99.9	99.9	126.2	54.
51.4	123.7	14903.3	125.0	-63.7	-99.9	242.9	41.0	36.5	18.7	379.6	379.6	99.9	99.9	136.5	54.
56.4	132.7	16261.4	100.0	-68.4	-99.9	239.7	41.1	35.5	20.7	395.6	395.6	99.9	99.9	147.8	55.
61.4	142.3	17934.8	75.0	-69.6	-99.9	235.1	114.0	91.5	65.2	427.1	427.1	99.9	99.9	170.6	55.
70.2	153.0	20423.7	50.0	-68.1	-99.9	53.0	97.1	-77.6	-58.4	467.7	467.7	99.9	99.9	180.3	55.
64.9	160.0	24719.4	25.0	-58.6	-99.9	236.6	38.3	32.0	21.1	616.1	616.1	99.9	99.9	190.2	57.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 276  
CENTERVILLE, ALA  
6 FEBRUARY 1975  
1750 GMT

TIME MIN	CNCT	WEIGHT G/M	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	% RTO GM/KG	PH PCT	RANGE KM	AZ DEG
0.0	5.5	140.0	999.4	6.8	3.9	290.0	5.7	6.4	-1.9	280.7	293.7	5.1	82.0	0.0	0.
0.5	99.9	91.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	7.6	342.1	975.0	3.9	2.6	999.9	99.9	99.9	99.9	279.7	291.9	4.7	91.1	999.9	999.
1.4	10.0	552.5	950.0	1.9	1.9	999.9	99.9	99.9	99.9	279.8	291.7	4.6	99.8	999.9	999.
2.1	12.0	767.6	925.0	0.8	0.8	999.9	99.9	99.9	99.9	280.7	292.1	4.4	102.3	999.9	999.
2.4	14.4	997.6	900.0	-0.6	-0.6	262.1	3.9	3.9	0.5	281.4	292.1	4.1	102.9	1.4	91.
3.5	16.5	1212.7	875.0	-1.7	-1.7	266.2	13.7	12.1	-6.5	282.5	292.6	3.9	102.2	1.8	99.
4.1	19.3	1442.9	850.0	-3.0	-3.0	266.2	8.7	6.7	0.6	283.4	293.0	3.6	103.2	2.2	100.
4.9	21.2	1600.1	825.0	-1.2	-4.0	269.2	20.8	19.7	-6.8	287.7	297.1	3.5	81.8	3.0	98.
5.8	23.7	1926.4	800.0	0.3	-8.7	273.4	26.9	26.6	-1.8	291.8	298.8	2.5	50.9	4.1	101.
6.6	26.0	2180.3	775.0	-1.4	-9.7	267.9	30.1	30.1	1.1	292.5	299.2	2.4	53.1	5.5	98.
7.4	28.6	2440.9	750.0	-3.1	-8.2	265.1	31.0	32.8	2.8	293.6	301.3	2.8	67.7	7.1	95.
8.3	31.3	2708.8	725.0	-4.2	-6.4	262.9	35.6	35.4	4.4	295.3	304.5	3.3	84.7	8.9	93.
9.2	34.0	2985.1	700.0	-5.6	-10.3	261.8	36.8	36.5	5.2	296.6	303.8	2.5	89.5	10.8	91.
10.2	36.4	3269.5	675.0	-7.7	-11.9	259.9	37.1	36.5	6.5	297.3	303.9	2.3	71.8	13.1	89.
11.2	39.2	3567.1	650.0	-9.8	-13.0	257.4	42.3	40.5	12.1	298.1	304.4	2.2	77.4	15.1	88.
12.2	41.9	3864.0	625.0	-11.8	-13.7	254.4	48.4	46.7	17.8	299.2	305.4	1.2	86.0	17.6	86.
13.2	44.3	4174.4	600.0	-11.4	-20.5	248.4	48.4	48.7	17.8	303.0	308.6	0.8	47.9	20.1	85.
14.2	47.7	4501.0	575.0	-11.8	-26.5	245.7	52.4	48.5	19.9	307.9	311.0	1.0	41.9	25.5	80.
15.2	50.6	4832.2	550.0	-13.8	-23.9	247.7	52.4	47.7	21.2	308.5	311.4	0.9	45.1	28.7	79.
16.2	53.6	5131.9	525.0	-14.6	-25.7	246.0	52.2	47.7	19.7	309.7	312.7	0.9	55.6	32.1	77.
17.3	56.6	5544.6	500.0	-14.2	-25.8	246.1	48.9	48.7	21.8	310.9	314.6	1.2	83.2	35.9	76.
18.5	59.9	5938.1	475.0	-21.9	-24.0	246.9	55.6	51.2	20.6	312.3	316.6	0.4	25.2	40.2	75.
19.9	63.1	6315.7	450.0	-22.2	-36.8	249.4	58.4	55.1	27.5	316.1	317.0	0.2	22.4	45.4	75.
21.3	66.6	6751.7	425.0	-25.6	-40.8	248.6	75.6	70.4	27.5	316.1	317.0	0.2	22.4	45.4	75.
22.6	70.1	7189.4	400.0	-28.5	-49.9	246.1	81.6	47.2	20.9	317.9	317.9	99.9	99.9	50.7	74.
24.0	73.7	7658.8	375.0	-37.5	-59.9	246.6	38.2	14.5	16.4	318.6	318.6	99.9	99.9	54.3	73.
25.1	77.5	8130.5	350.0	-36.9	-59.9	246.9	48.0	77.2	33.0	319.0	319.0	99.9	99.9	59.5	73.
26.9	81.5	8634.0	325.0	-31.9	-59.9	246.7	48.7	48.9	21.2	318.9	318.9	99.9	99.9	65.2	72.
28.4	85.6	9174.4	300.0	-26.7	-59.9	246.9	58.0	53.4	22.8	319.5	319.5	99.9	99.9	71.0	72.
30.2	90.0	9743.0	275.0	-31.7	-59.9	253.1	80.0	75.3	27.0	320.4	320.4	99.9	99.9	77.6	71.
32.1	94.8	10357.3	250.0	-34.1	-59.9	263.1	75.9	75.3	9.1	322.7	322.7	99.9	99.9	88.0	72.
34.3	99.6	11172.4	225.0	-34.9	-59.9	253.1	80.3	80.5	20.2	328.2	328.2	99.9	99.9	90.3	73.
36.7	104.3	11785.6	200.0	-38.8	-59.9	237.8	67.9	57.5	36.2	339.7	339.7	99.9	99.9	100.5	72.
39.3	110.6	12600.2	175.0	-36.4	-59.9	245.1	90.0	81.7	37.6	353.3	353.3	99.9	99.9	112.3	71.
42.6	116.7	13571.7	150.0	-34.9	-59.9	253.9	65.2	62.6	18.0	368.7	368.7	99.9	99.9	128.9	71.
46.3	123.8	14709.7	125.0	-32.3	-59.9	246.8	98.7	98.6	34.3	382.3	382.3	99.9	99.9	159.1	71.
51.1	131.3	16097.1	100.0	-34.6	-59.9	250.2	80.5	75.7	37.3	402.5	402.5	99.9	99.9	157.7	71.
57.2	139.7	17554.8	75.0	-33.5	-59.9	246.8	163.0	-13.3	-9.4	439.9	439.9	99.9	99.9	168.3	71.
65.0	148.1	20363.8	50.0	-34.6	-59.9	262.0	243.0	24.0	3.4	491.3	491.3	99.9	99.9	177.3	72.
76.7	157.3	24635.5	25.0	-30.5	-59.9	253.5	55.1	52.9	15.6	611.2	611.2	99.9	99.9	192.7	72.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
HUOTVILLE, LA  
6 FEBRUARY 1975  
1800 GMT

TIME MIN	CNTCT	HEIGHT GIV	PRES MB	TEMP DG C	DRW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	1.0	1010.0	12.9	9.5	360.0	7.2	0.0	-7.2	285.7	304.6	7.4	80.0	0.0	0.
0.6	6.7	140.7	1030.0	10.8	7.7	2.0	9.2	-0.3	-9.2	284.8	301.9	6.6	81.2	0.5	178.
1.4	9.0	351.2	975.0	8.7	7.3	351.8	11.4	1.6	-11.3	284.7	301.8	6.6	81.1	1.0	178.
2.3	11.1	505.8	950.0	7.2	6.3	339.8	11.8	4.1	-11.0	285.3	301.7	6.3	83.9	1.6	174.
3.0	13.5	785.8	925.0	6.2	1.4	311.4	10.9	8.2	-7.2	288.3	300.6	4.6	82.5	2.0	168.
3.8	15.7	1011.4	900.0	10.4	0.2	248.0	10.9	9.6	-5.1	292.8	304.6	4.3	49.3	2.4	159.
4.6	18.3	1247.2	875.0	9.4	-6.3	248.1	9.1	8.6	-2.9	293.9	301.6	2.7	32.2	2.8	152.
5.4	20.4	1487.4	850.0	8.8	-7.7	282.5	12.0	11.7	-2.6	295.5	302.7	2.5	30.8	3.1	145.
6.2	22.6	1733.5	825.0	7.4	-7.5	280.7	17.2	16.9	-3.2	296.8	304.4	2.6	33.6	3.6	138.
6.9	25.1	1947.5	800.0	6.0	-1.5	271.9	14.6	19.8	-0.7	298.1	310.1	4.3	58.6	4.4	131.
7.3	27.4	224.1	775.0	5.1	-1.0	259.5	22.2	21.9	4.0	299.9	312.8	4.6	65.0	5.3	121.
8.9	30.3	2511.1	750.0	3.5	1.7	252.7	24.3	23.1	7.4	301.1	317.2	5.8	88.1	6.3	112.
9.9	32.7	2744.9	725.0	3.3	-1.4	246.3	26.4	2.1	10.6	303.6	317.0	4.7	70.3	7.4	104.
10.4	35.1	3077.6	700.0	1.7	-4.2	244.4	27.7	25.0	12.0	304.3	315.9	4.0	67.1	8.7	98.
12.0	37.9	3314.6	675.0	-0.2	-13.0	248.7	27.9	25.9	10.4	305.7	312.5	2.1	37.4	10.4	92.
13.0	40.5	3665.7	650.0	-2.2	-14.7	254.7	28.1	27.1	7.4	306.8	312.5	1.9	37.3	12.0	89.
14.1	43.2	3978.0	625.0	-4.5	-15.8	259.0	31.3	30.2	8.1	307.6	313.0	1.8	40.6	13.8	88.
15.2	46.3	4296.7	600.0	-5.7	-17.2	252.6	31.2	29.8	9.3	309.7	314.8	1.6	38.5	15.9	86.
16.2	48.9	4624.1	575.0	-7.5	-20.3	253.1	30.6	29.3	8.8	311.4	315.6	1.3	34.9	17.7	84.
17.3	51.4	4971.8	550.0	-9.9	-23.5	253.7	28.6	27.4	8.0	312.4	315.6	1.0	31.8	19.6	83.
18.5	54.9	5311.7	525.0	-11.4	-25.5	251.3	31.4	31.6	10.7	314.7	317.7	0.9	30.0	21.9	82.
19.4	57.9	5704.1	500.0	-14.0	-28.2	251.7	33.1	31.4	10.7	316.0	318.5	0.7	28.8	24.4	81.
21.2	61.1	6077.1	475.0	-16.0	-31.0	251.6	35.5	33.7	11.2	318.2	320.3	0.6	25.8	27.1	80.
22.7	64.4	6497.2	450.0	-19.0	-33.5	251.6	35.1	33.3	11.1	319.4	321.1	0.5	26.3	30.4	79.
24.2	67.3	6920.6	425.0	-21.9	-37.9	250.7	37.1	35.0	12.3	320.9	322.1	0.3	21.7	33.6	78.
25.8	71.3	7363.6	400.0	-25.5	-42.3	249.5	35.1	32.4	12.3	322.6	323.3	0.2	18.9	37.3	77.
27.3	75.0	7827.9	375.0	-29.4	-45.5	249.5	34.5	32.3	12.1	322.7	323.2	0.1	19.1	40.3	77.
29.0	78.3	8316.0	350.0	-34.1	-48.1	255.3	41.0	39.7	10.4	322.7	323.7	0.1	22.3	47.4	77.
30.5	82.7	8829.6	325.0	-39.6	-52.1	261.4	33.7	33.3	5.1	323.4	323.7	99.9	99.9	51.3	77.
32.4	86.7	9374.3	300.0	-43.2	-54.9	267.9	41.19	41.0	1.5	324.5	999.9	99.9	99.9	56.1	76.
34.4	91.3	9934.0	275.0	-47.8	-59.9	268.3	31.09	33.0	4.9	326.1	999.9	99.9	99.9	60.6	75.
36.5	95.7	10576.7	250.0	-52.9	-64.9	263.2	41.68	41.3	7.1	327.5	999.9	99.9	99.9	64.5	75.
38.8	100.4	11243.1	225.0	-57.1	-69.9	259.5	39.39	38.6	19.6	329.3	999.9	99.9	99.9	71.5	75.
41.2	105.4	11993.1	200.0	-59.1	-74.9	235.9	34.98	28.9	30.1	330.7	999.9	99.9	99.9	77.7	75.
43.7	111.3	12511.5	175.0	-57.9	-69.9	236.0	53.89	44.6	20.8	364.7	999.9	99.9	99.9	87.2	75.
46.8	117.5	13763.4	150.0	-61.2	-69.9	245.2	49.69	45.0	14.0	377.9	999.9	99.9	99.9	98.0	75.
50.5	124.7	14310.2	125.0	-64.7	-69.9	249.5	40.18	37.5	8.0	396.8	999.9	99.9	99.9	111.3	75.
54.8	132.1	14270.0	100.0	-67.4	-69.9	259.0	46.18	45.3	7.0	431.5	999.9	99.9	99.9	123.2	75.
59.7	140.3	14937.7	75.0	-67.4	-69.9	255.9	28.98	28.1	1.9	497.6	999.9	99.9	99.9	132.0	75.
66.4	148.3	20442.4	50.0	-61.9	-69.9	265.6	24.1	24.1	12.2	615.4	999.9	99.9	99.9	162.0	75.
77.2	150.0	24801.8	25.0	-58.9	-69.9	248.8	33.78	31.4							

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 735  
JACKSON, MISS6 FEBRUARY 1975  
1715 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRFS MU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	ML RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.5	100.0	1000.0	4.2	1.7	130.0	6.2	3.1	-5.4	277.3	268.3	4.3	84.0	0.0	0.
0.1	4.7	100.0	1000.0	3.7	1.6	113.3	6.2	4.5	-4.3	277.4	268.4	4.3	86.5	0.2	110.
0.9	0.4	304.7	975.0	1.0	-0.4	311.3	9.1	6.9	-6.0	276.6	266.4	3.8	90.4	0.4	130.
1.5	8.7	574.2	950.0	-0.7	-1.4	312.9	10.5	7.7	-7.1	276.9	266.3	3.6	94.9	0.8	130.
2.2	10.7	720.0	925.0	-2.5	-3.0	313.0	9.3	6.8	-6.4	277.2	265.8	3.3	96.4	1.2	133.
3.0	13.1	1007.7	900.0	-4.0	-4.4	311.2	9.4	7.1	-6.2	277.6	265.9	3.1	97.1	1.7	133.
3.8	15.3	1210.2	875.0	-3.9	-5.0	307.4	14.1	11.9	-7.5	280.1	268.1	3.0	92.5	2.2	132.
4.6	17.5	1434.9	850.0	-2.7	-7.5	290.3	15.7	14.7	-5.5	283.7	290.6	2.6	69.6	3.0	128.
5.4	19.9	1636.8	825.0	-2.5	-8.9	272.4	17.2	17.2	-0.7	286.2	292.7	2.4	61.5	3.6	123.
6.1	22.1	1881.0	800.0	-2.2	-20.3	266.6	21.7	21.7	1.3	288.9	291.7	1.0	23.6	4.4	116.
7.0	24.3	2104.6	775.0	-0.1	-17.4	269.5	30.1	30.1	0.3	293.9	297.9	1.3	27.3	5.6	110.
8.0	26.3	2450.3	750.0	-1.4	-10.1	266.7	34.3	34.3	2.0	294.7	301.5	2.4	53.4	7.9	105.
8.3	29.4	2725.5	725.0	-3.5	-8.0	262.2	35.2	34.9	4.8	296.0	304.3	2.9	71.0	9.3	101.
9.8	32.0	3027.1	700.0	-5.5	-8.6	260.2	35.4	35.4	8.1	296.8	304.9	2.9	78.6	11.1	97.
10.6	34.7	3265.8	675.0	-7.2	-10.7	258.8	37.3	36.6	7.2	297.9	305.7	2.5	76.1	13.0	95.
11.4	37.2	3532.0	650.0	-9.3	-11.7	257.9	37.4	36.5	7.9	298.4	305.8	2.4	82.7	15.0	92.
12.6	40.0	3822.0	625.0	-11.7	-13.1	256.4	38.7	37.6	9.1	299.4	305.9	2.2	86.6	17.3	90.
13.6	42.7	4194.5	600.0	-12.8	-22.2	249.3	43.7	40.6	14.9	301.4	305.1	1.2	51.2	19.6	88.
14.7	45.4	4519.5	575.0	-13.0	-27.2	245.9	41.2	37.6	16.8	304.9	307.1	0.7	29.0	22.5	85.
15.9	48.0	4857.9	550.0	-14.0	-27.7	250.9	46.8	44.2	15.3	307.6	311.1	1.1	47.4	25.8	84.
17.0	51.6	5210.0	525.0	-16.4	-21.9	250.4	48.5	45.7	16.3	308.8	312.7	1.3	62.6	28.4	82.
18.1	54.4	5576.0	500.0	-18.0	-24.0	250.4	53.6	50.6	17.7	311.2	314.7	1.1	59.4	31.8	81.
19.3	57.0	5954.2	475.0	-19.6	-31.1	250.2	55.2	51.9	16.7	314.9	316.9	0.6	32.3	35.7	80.
20.7	61.1	6310.1	450.0	-21.6	-34.4	248.0	51.7	47.9	19.4	316.1	317.7	0.5	30.1	39.9	78.
22.0	64.6	6774.7	425.0	-24.8	-39.0	249.0	49.9	46.6	17.9	317.2	318.2	0.3	25.1	44.0	78.
23.5	68.1	7217.0	400.0	-28.0	-41.5	254.2	52.2	50.2	14.2	318.5	318.9	0.1	12.0	48.5	77.
24.9	71.7	7676.9	375.0	-31.8	-54.4	254.6	55.6	53.7	14.6	319.5	319.7	0.1	8.5	52.9	77.
26.4	75.7	8160.1	350.0	-36.5	-54.0	252.4	50.7	48.4	15.0	319.5	319.7	0.1	14.2	57.7	77.
28.1	79.3	8641.5	325.0	-41.4	99.9	253.0	48.7	46.6	14.2	319.7	319.9	99.9	99.9	62.6	76.
29.9	84.0	9206.3	300.0	-46.1	99.9	256.0	46.2	46.8	11.7	320.4	319.9	99.9	99.9	68.2	76.
31.4	88.1	9729.9	275.0	-50.3	99.9	254.8	55.9	54.8	10.8	322.3	319.9	99.9	99.9	74.3	76.
33.7	93.2	11366.0	250.0	-56.4	99.9	268.0	55.8	55.7	1.9	325.2	319.9	99.9	99.9	81.4	77.
35.9	98.3	11064.3	225.0	-58.0	99.9	264.5	64.3	67.9	6.6	329.6	319.9	99.9	99.9	88.7	78.
38.0	103.3	11405.2	200.0	-57.3	99.9	269.5	65.0	60.9	22.8	342.0	319.9	99.9	99.9	100.1	78.
40.9	110.0	12655.9	175.0	-55.6	99.9	250.8	71.3	67.3	23.5	358.2	319.9	99.9	99.9	108.3	77.
43.1	116.5	13632.6	150.0	-58.1	99.9	251.7	78.7	74.7	24.7	369.6	319.9	99.9	99.9	120.1	76.
47.8	124.0	14769.4	125.0	-61.5	97.9	236.4	23.3	19.8	12.2	383.6	319.9	99.9	99.9	127.2	75.
52.1	132.7	16127.9	100.0	-63.9	94.9	250.7	31.2	29.5	10.3	404.3	319.9	99.9	99.9	130.9	75.
57.3	141.7	17419.4	75.0	-62.4	99.9	257.7	41.7	39.8	17.4	442.1	319.9	99.9	99.9	153.3	75.
64.4	151.5	20440.3	50.0	-67.4	99.9	297.9	4.5	4.1	-1.7	496.4	319.9	99.9	99.9	163.4	75.
74.0	163.8	24721.4	25.0	-62.2	99.9	999.9	99.9	99.9	99.9	605.8	319.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS FLATVATION ANGLE LESS THAN 8 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1715 GMT

TIME MIN	CHCT	HEIGHT GP4	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.2	5.0	1021.2	10.6	1.7	150.0	8.2	1.4	-8.1	282.4	291.7	4.2	54.0	0.0	0.
0.5	4.8	178.5	1000.0	6.7	1.3	334.9	11.3	4.8	-10.2	280.4	291.5	4.3	69.2	0.4	151.
1.3	1.6	185.7	975.0	4.3	-1.6	376.0	9.3	3.8	-8.5	279.9	289.0	3.5	65.3	0.9	153.
2.3	8.4	596.4	950.0	2.4	-2.3	345.6	11.5	2.9	-11.2	280.1	288.9	3.4	70.1	1.5	156.
3.2	10.3	411.5	925.0	0.8	-4.4	348.1	12.9	2.7	-12.6	280.5	288.4	3.0	68.2	2.1	160.
3.9	12.1	1031.5	900.0	1.3	-5.1	335.5	14.2	5.9	-12.9	283.2	291.0	2.9	62.1	2.7	161.
4.7	14.2	1260.1	875.0	5.5	-7.5	306.5	15.0	12.1	-9.0	289.8	296.9	2.6	39.5	3.3	158.
5.6	16.0	1497.5	850.0	6.0	-1.7	283.7	18.9	18.4	-4.5	293.1	307.0	5.1	73.7	4.0	148.
6.8	14.2	1741.7	825.0	4.8	-0.4	266.1	14.9	14.9	1.4	294.2	306.3	4.4	67.4	4.9	135.
7.6	20.2	1942.5	800.0	3.8	-2.6	265.3	20.7	20.6	1.7	295.7	306.7	4.0	63.4	5.7	127.
8.6	22.3	2249.8	775.0	2.2	-5.2	262.4	19.7	19.5	2.6	296.6	306.1	3.4	58.3	6.7	120.
9.7	24.3	2513.3	750.0	-0.8	-6.7	259.5	19.2	18.9	3.5	296.1	304.8	3.1	64.1	7.6	114.
10.7	26.0	2763.3	725.0	-2.9	-5.3	253.2	20.3	14.4	5.9	296.7	306.3	3.4	80.0	8.6	110.
11.7	29.0	3061.8	700.0	-1.9	-9.4	249.5	24.5	22.9	8.9	300.7	309.5	2.7	56.2	9.7	104.
12.8	31.5	3350.7	675.0	-3.7	-12.7	257.4	27.6	24.3	6.0	301.7	309.1	2.1	49.8	11.1	99.
13.9	34.0	3647.9	650.0	-3.9	-14.3	264.7	24.5	24.3	2.7	304.8	310.7	1.9	44.2	13.0	97.
15.0	36.3	3956.8	625.0	-5.4	-15.3	264.2	30.7	30.6	3.1	306.5	312.2	1.9	45.6	15.0	95.
16.3	38.9	4275.7	600.0	-7.6	-13.0	262.6	35.1	34.8	4.5	307.3	314.4	2.3	66.2	17.3	94.
17.5	41.3	4603.5	575.0	-9.3	-16.5	263.1	36.0	35.7	4.3	309.3	315.0	1.9	55.5	20.0	92.
18.8	44.3	4948.9	550.0	-10.8	-18.8	261.6	34.5	34.2	5.0	311.4	316.3	1.6	51.6	22.6	91.
20.1	46.3	5305.0	525.0	-11.2	-22.0	261.1	35.9	35.5	5.6	312.7	316.7	1.2	47.2	25.3	90.
21.3	48.9	5676.2	500.0	-14.5	-26.8	260.5	37.7	37.2	6.2	315.4	318.2	0.8	34.3	28.2	89.
22.7	52.0	6063.5	475.0	-16.3	-30.7	256.7	39.7	38.8	8.5	317.8	319.9	0.6	27.5	31.6	88.
24.1	55.7	6467.9	450.0	-20.0	-34.2	256.7	37.39	36.2	8.9	318.0	319.6	0.5	26.9	34.3	87.
25.7	58.0	6888.4	425.0	-23.2	-37.3	259.0	35.49	34.0	6.8	319.3	320.5	0.4	25.9	36.3	86.
27.3	62.1	7324.5	400.0	-26.8	-39.7	260.4	42.78	47.1	7.1	320.1	321.2	0.3	24.0	41.5	85.
28.9	65.7	7792.7	375.0	-30.5	-44.4	263.0	35.79	35.5	4.3	321.2	321.9	0.2	24.0	45.6	85.
30.6	69.3	8278.1	350.0	-34.4	-47.4	265.0	42.98	42.7	3.7	322.2	322.8	0.1	25.2	49.3	85.
32.3	73.0	8741.4	325.0	-39.0	-50.9	264.3	39.96	39.7	4.0	322.9	322.9	99.9	99.9	53.8	85.
34.3	77.2	9318.7	300.0	-43.8	-54.9	268.3	49.28	49.2	1.5	323.7	323.7	99.9	99.9	58.8	85.
36.3	81.4	9913.5	275.0	-48.1	-59.9	272.5	45.89	45.8	-2.0	325.3	325.3	99.9	99.9	64.4	86.
38.6	85.4	10534.1	250.0	-53.3	-64.9	275.6	49.09	48.7	-4.8	326.9	326.9	99.9	99.9	70.6	87.
40.6	90.3	11276.7	225.0	-57.8	-69.9	272.0	44.99	44.9	-1.5	329.9	329.9	99.9	99.9	77.9	87.
43.3	96.9	11749.7	200.0	-58.4	-69.9	263.6	41.78	41.4	4.6	340.4	340.4	99.9	99.9	83.0	87.
46.4	102.0	12730.5	175.0	-57.0	-69.9	250.7	46.89	44.0	15.8	355.9	355.9	99.9	99.9	91.7	86.
49.5	108.3	13756.0	150.0	-60.4	-69.9	254.0	44.88	44.0	8.5	366.1	366.1	99.9	99.9	98.2	85.
53.5	115.8	14988.7	125.0	-63.1	-69.9	261.1	44.88	44.0	8.5	380.8	380.8	99.9	99.9	110.5	84.
57.6	124.3	16253.7	100.0	-66.2	-69.9	258.5	40.78	39.9	8.1	399.9	399.9	99.9	99.9	118.7	84.
63.6	133.7	17477.0	75.0	-64.3	-69.9	241.0	24.98	24.5	4.7	429.8	429.8	99.9	99.9	129.6	83.
71.7	153.7	20411.7	50.0	-61.0	-69.9	241.9	16.18	14.2	7.6	499.9	499.9	99.9	99.9	143.2	83.
83.6	164.0	24774.7	25.0	-57.0	-69.9	999.9	99.9	99.9	99.9	620.8	620.8	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 PT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRS IN	TEMP DEG C	MLW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DEG K	E PNT T DEG K	MX RTO CM/KG	MM PCT	RANGE KM	AZ DEG
0.0	4.3	79.0	1015.6	-0.6	-5.4	320.0	7.2	4.6	-5.5	271.7	270.0	2.4	68.0	0.0	0.
0.5	5.6	232.2	1000.0	-2.8	-7.0	307.7	11.3	8.9	-6.9	270.6	276.4	2.3	72.5	0.3	120.
1.0	7.5	422.3	975.0	-4.7	-6.8	318.0	10.1	6.8	-7.5	270.7	276.8	2.4	84.9	0.8	130.
1.5	9.7	626.2	950.0	-6.4	-7.1	325.1	10.6	6.1	-8.7	271.0	277.1	2.4	94.7	1.3	135.
2.0	11.6	816.2	925.0	-8.1	-8.4	333.4	8.5	1.8	-7.6	271.3	277.6	2.2	97.9	1.7	138.
3.0	13.3	1027.5	900.0	-6.2	-12.5	324.5	12.6	7.3	-10.3	275.3	279.7	1.6	62.4	2.1	141.
4.2	15.2	1248.5	875.0	-5.3	-14.5	314.9	14.2	9.7	-10.4	278.5	282.4	1.4	48.3	2.7	141.
5.1	18.1	1476.1	850.0	-5.4	-14.7	314.5	13.8	9.4	-9.7	280.6	284.6	1.4	48.1	3.4	140.
6.0	20.3	1710.1	825.0	-5.8	-15.9	304.4	13.3	10.4	-8.3	282.7	286.5	1.3	44.5	4.1	138.
6.9	22.5	1951.3	800.0	-5.9	-16.4	302.7	13.1	11.1	-7.1	285.0	288.2	1.1	37.1	4.8	136.
7.8	24.8	2200.7	775.0	-4.5	-27.1	303.3	16.5	13.8	-9.1	289.0	290.6	0.5	15.0	5.5	134.
8.7	27.3	2434.3	750.0	-5.4	-27.2	299.0	15.7	13.6	-7.8	290.8	292.5	0.5	14.0	6.6	133.
1.7	29.4	2724.7	725.0	-5.9	-28.7	289.6	14.1	13.3	-4.7	293.0	294.6	0.5	14.4	7.2	131.
10.6	31.2	2998.0	700.0	-7.8	-30.4	288.1	16.8	17.1	-5.2	293.8	295.2	0.4	14.3	8.0	128.
11.6	34.5	3274.6	675.0	-10.0	-34.6	285.7	17.8	17.0	-4.8	294.5	295.4	0.3	11.2	9.0	126.
12.7	36.1	3549.7	650.0	-11.5	-41.0	284.1	21.8	21.2	-5.3	296.0	296.5	0.2	8.6	10.2	124.
13.8	39.4	3809.4	625.0	-13.0	-43.9	281.6	28.7	28.1	-5.8	297.6	298.0	0.1	5.4	11.7	121.
14.9	42.0	4179.1	600.0	-14.4	-46.7	276.7	35.7	35.0	-4.1	299.4	299.8	0.1	4.4	13.0	118.
16.1	44.3	4531.5	575.0	-15.2	-45.2	263.7	41.3	41.0	4.5	302.1	302.6	0.1	5.6	14.4	113.
17.4	47.3	4837.4	550.0	-14.6	-32.8	259.7	44.6	43.8	8.0	306.7	308.2	0.4	19.5	19.1	108.
18.6	50.6	5144.4	525.0	-16.7	-31.2	255.2	47.1	46.9	4.9	308.9	310.7	0.5	26.0	22.2	104.
19.9	53.4	5454.8	500.0	-18.7	-24.4	267.6	50.1	50.0	2.1	310.2	312.4	0.7	38.1	26.0	102.
21.3	56.1	5935.4	475.0	-20.4	-34.4	265.1	44.8	48.6	4.2	312.8	314.2	0.4	20.8	29.8	99.
22.5	59.5	6314.9	450.0	-22.1	-38.3	266.1	57.49	52.3	3.6	315.5	316.5	0.3	21.1	33.6	98.
24.0	62.9	6753.1	425.0	-24.9	-45.3	266.7	56.58	56.4	3.7	317.0	317.6	0.2	13.0	38.1	96.
25.6	64.1	7191.1	400.0	-28.1	-53.6	265.1	53.4	53.2	4.5	318.4	318.7	0.1	6.6	43.6	93.
27.0	64.7	7620.5	375.0	-32.5	-51.8	265.7	51.66	51.4	4.3	318.5	318.8	0.1	12.6	48.2	92.
28.6	73.0	8132.2	350.0	-37.0	-52.8	267.8	64.16	64.0	2.7	318.8	319.1	0.1	17.3	52.8	93.
30.2	74.0	8640.3	325.0	-41.1	-99.9	999.9	99.9	99.9	99.9	320.0	999.9	99.9	999.9	999.9	999.9
32.0	80.4	9178.7	300.0	-45.6	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.9
33.8	85.1	9753.0	275.0	-49.4	99.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999.9
35.9	89.4	10369.4	250.0	-55.0	99.9	999.9	99.9	99.9	99.9	324.4	999.9	99.9	999.9	999.9	999.9
38.0	94.0	11037.0	225.0	-57.8	99.9	999.9	99.9	99.9	99.9	329.9	999.9	99.9	999.9	999.9	999.9
40.7	94.2	11771.5	200.0	-61.4	99.9	999.9	99.9	99.9	99.9	335.6	999.9	99.9	999.9	999.9	999.9
43.6	104.3	12419.1	175.0	-54.7	99.9	999.9	99.9	99.9	99.9	359.6	999.9	99.9	999.9	999.9	999.9
47.0	110.4	13572.5	150.0	-58.2	99.9	999.9	99.9	99.9	99.9	369.9	999.9	99.9	999.9	999.9	999.9
50.9	116.8	14740.0	125.0	-58.7	99.9	999.9	99.9	99.9	99.9	388.8	999.9	99.9	999.9	999.9	999.9
55.6	124.3	16127.4	100.0	-62.7	99.9	999.9	99.9	99.9	99.9	406.6	999.9	99.9	999.9	999.9	999.9
61.7	132.7	17888.4	75.0	-62.8	99.9	999.9	99.9	99.9	99.9	440.8	999.9	99.9	999.9	999.9	999.9
69.4	141.0	20346.4	50.0	-62.3	99.9	999.9	99.9	99.9	99.9	466.8	999.9	99.9	999.9	999.9	999.9
81.5	146.7	24711.0	25.0	-59.7	99.7	999.9	99.9	99.9	99.9	613.4	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 755  
VICTORIA, TEX

6 FEBRUARY 1975  
1715 GMT

153 29. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIP DEG	SPED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DEG K	E POT T DEG K	MR STD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	3.1	13.0	1021.6	6.1	-1.5	100.0	11.0	0.0	-11.0	278.0	280.7	3.3	50.0	0.0	0.
0.7	4.4	107.2	1000.0	3.0	-3.0	999.3	99.9	99.9	99.9	276.5	280.1	2.9	61.9	999.9	999.
1.5	6.0	411.9	975.0	1.3	-5.6	999.9	99.9	99.9	99.9	276.6	280.7	3.0	69.7	999.9	999.
2.3	8.7	620.1	950.0	-0.9	-5.1	999.3	99.9	99.9	99.9	276.6	280.7	2.7	72.8	999.9	999.
2.9	13.6	133.2	925.0	-0.8	-6.2	5.2	10.0	-1.5	-16.7	278.9	283.7	2.6	66.5	2.8	103.
3.8	12.6	123.7	900.0	0.0	-6.9	352.0	11.8	1.6	-11.7	280.0	283.0	2.5	65.4	3.5	103.
4.4	14.7	1201.4	875.0	5.7	-1.5	321.9	12.1	7.4	-9.5	290.2	301.0	4.0	69.2	3.9	100.
5.3	16.7	1521.0	850.0	4.8	2.7	304.5	14.6	11.0	-9.1	291.8	306.6	5.5	86.9	4.4	174.
6.1	19.3	1704.1	825.0	3.7	3.7	293.7	15.0	13.7	-6.0	293.3	309.5	6.1	102.9	4.9	167.
7.3	21.0	2014.4	800.0	3.2	3.0	289.4	16.1	15.2	-5.4	293.3	311.5	6.0	99.2	5.3	160.
7.9	23.4	2271.2	775.0	0.4	0.9	277.3	14.9	14.7	-1.9	293.4	309.6	5.3	100.3	5.9	153.
8.7	25.5	2513.2	750.0	2.1	-11.0	266.4	15.7	15.7	0.8	293.4	308.0	2.3	40.3	6.2	167.
9.6	27.4	2805.1	725.0	1.9	-17.2	272.2	18.3	18.3	-0.7	301.7	305.9	1.4	22.5	6.7	140.
10.5	30.4	3031.7	700.0	0.8	-15.1	274.7	21.8	21.7	-1.8	303.6	308.7	1.7	29.1	7.6	135.
11.5	32.9	3132.7	675.0	-1.2	-16.4	269.4	24.3	24.3	0.2	305.5	309.3	1.6	30.3	8.6	126.
12.5	35.4	3241.7	650.0	-3.4	-15.5	269.5	25.6	25.6	0.2	305.3	310.7	1.8	38.5	9.8	123.
13.6	37.9	3391.4	625.0	-5.5	-13.4	269.3	27.7	27.7	0.0	306.4	313.0	2.2	53.8	11.2	118.
14.6	40.4	3511.4	600.0	-6.1	-15.1	267.4	30.5	30.5	1.2	309.3	313.4	2.0	48.6	13.8	114.
15.6	43.3	3643.7	575.0	-6.3	-17.4	265.8	30.7	30.6	2.3	310.5	315.8	1.7	47.5	14.9	110.
16.9	45.9	3797.7	550.0	-10.2	-22.9	269.5	29.2	29.2	0.3	312.1	315.6	1.1	14.4	16.8	107.
18.2	48.4	3945.0	525.0	-11.9	-27.7	272.5	27.9	27.9	-1.2	314.2	316.6	0.7	25.4	18.9	106.
19.5	51.0	4116.5	500.0	-14.8	-28.5	276.0	29.2	29.0	-3.0	315.0	317.4	0.7	29.9	21.0	104.
20.7	54.5	4273.3	475.0	-16.6	-38.1	274.1	30.1	30.1	-2.1	317.1	318.5	0.3	13.7	23.3	104.
22.2	57.4	4507.8	450.0	-18.9	-44.5	270.8	32.4	32.4	-0.4	319.4	319.9	0.1	6.7	25.9	102.
23.5	60.4	4740.8	425.0	-22.2	-50.4	267.4	34.4	34.4	1.5	320.5	320.8	0.1	5.4	28.6	101.
25.1	63.1	4972.9	400.0	-25.4	-50.7	265.4	36.7	36.6	2.4	321.3	321.6	0.1	7.7	31.7	100.
26.8	67.0	5206.9	375.0	-29.7	-50.0	270.8	32.2	32.2	-0.5	322.2	322.6	0.1	11.8	34.6	98.
28.3	71.1	5424.6	350.0	-34.0	-51.0	278.5	33.3	32.9	-6.9	322.8	323.2	0.1	15.9	37.5	98.
30.1	74.9	5644.7	325.0	-38.4	-51.7	280.9	33.7	33.0	-6.4	323.7	324.0	0.1	22.9	41.2	99.
32.0	79.2	5874.2	300.0	-43.5	99.9	278.9	31.9	31.4	-6.9	324.1	324.9	99.9	99.9	45.0	99.
34.0	83.2	6107.2	275.0	-48.1	99.9	282.7	33.7	32.8	-7.5	325.6	326.7	99.9	99.9	48.7	99.
35.0	87.4	6340.2	250.0	-53.4	99.9	276.6	35.1	34.8	-4.0	326.7	326.7	99.9	99.9	53.0	99.
36.4	92.4	6572.6	225.0	-59.5	99.9	277.7	32.3	32.0	-4.3	327.4	327.4	99.9	99.9	57.9	99.
41.0	97.1	11014.4	200.0	-56.0	99.9	270.0	36.3	34.3	-0.0	344.1	344.1	99.9	99.9	63.3	99.
47.7	103.0	12433.6	175.0	-58.2	99.9	277.3	36.1	37.8	-4.9	345.0	345.0	99.9	99.9	69.1	98.
49.0	109.3	13797.0	150.0	-60.8	99.9	269.8	37.99	37.99	0.1	345.4	345.4	99.9	99.9	76.3	97.
50.4	116.3	14974.1	125.0	-63.1	94.9	277.4	38.98	38.4	-5.0	346.4	346.4	99.9	99.9	84.8	97.
55.1	126.3	16274.0	100.0	-69.3	99.9	275.7	43.48	43.2	-6.3	348.0	348.0	99.9	99.9	94.6	97.
64.5	134.3	17944.7	75.0	-69.3	99.9	270.7	29.94	29.8	-0.4	427.6	427.6	99.9	99.9	105.2	96.
68.0	144.7	20447.1	50.0	-63.7	99.9	271.8	22.70	22.6	-0.7	493.5	493.5	99.9	99.9	113.7	96.
99.9	99.3	99.9	25.0	99.9	99.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENSVILLE, TEX6 FEBRUARY 1975  
1715 GMT

TIME MIN	CATCT	HEIGHT GMM	PRFS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CNRP M/SLC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.1	154.0	941.5	-2.9	-11.6	349.0	5.1	1.7	-0.8	271.9	276.2	1.6	51.0	6.0	0.
0.0	99.9	154.0	1000.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0.1	7.7	431.7	975.0	-3.1	-12.2	315.4	9.8	6.9	-7.0	272.2	276.3	1.5	49.3	0.2	113.
0.0	9.9	656.6	950.0	-5.1	-12.1	316.6	10.9	7.5	-7.9	272.2	276.4	1.6	57.4	0.5	151.
0.4	11.4	467.1	925.0	-7.2	-12.9	330.9	8.7	4.2	-7.6	272.1	276.4	1.5	63.4	0.0	149.
2.0	14.1	1078.7	900.0	-9.7	-13.7	331.6	9.8	4.7	-8.7	271.7	275.6	1.5	72.0	0.0	150.
2.9	16.4	1294.0	875.0	-11.4	-14.5	335.0	13.9	9.9	-12.6	272.1	275.9	1.4	77.9	1.0	151.
3.7	18.7	1217.6	850.0	-10.0	-17.2	335.0	14.6	7.3	-16.4	273.0	279.0	1.2	55.7	2.0	153.
4.7	20.9	1749.1	825.0	-4.6	-11.1	333.9	18.9	8.3	-17.0	280.0	288.7	1.7	51.2	3.0	154.
5.6	23.2	1497.9	800.0	-2.8	-17.0	332.4	19.8	9.2	-17.6	280.3	292.0	1.3	32.4	4.7	153.
6.5	25.3	2244.1	775.0	-4.0	-14.1	326.1	17.0	9.9	-14.9	289.7	293.1	1.2	32.1	5.7	153.
7.4	27.4	3402.1	750.0	-7.7	-18.7	318.0	14.8	12.5	-14.0	291.0	294.4	1.2	33.0	6.7	151.
8.3	30.5	2767.5	725.0	-7.1	-20.5	315.8	18.2	12.7	-13.0	291.0	296.0	1.0	33.3	7.7	149.
9.2	33.1	1060.0	700.0	-9.1	-31.0	315.5	20.1	14.3	-14.1	292.5	297.7	0.4	13.6	8.8	147.
10.7	35.3	1121.0	675.0	-10.0	-42.7	305.9	25.1	20.3	-14.7	295.5	295.0	0.2	6.0	10.0	146.
11.1	38.1	1611.5	650.0	-11.2	-42.2	292.4	29.2	27.0	-11.1	296.2	296.7	0.1	5.3	11.3	142.
12.2	40.7	3412.1	625.0	-11.0	-43.0	282.7	35.5	31.6	-7.0	294.9	300.4	0.1	5.1	13.1	137.
13.4	43.3	4225.5	600.0	-10.9	-41.1	273.0	36.0	35.4	-1.9	313.5	300.1	0.2	6.2	15.2	131.
14.6	46.1	4751.9	575.0	-9.4	-36.8	273.4	36.3	36.2	-2.1	309.0	310.0	0.3	8.0	17.1	129.
15.8	49.2	4116.1	550.0	-11.1	-37.2	279.5	40.3	39.7	-6.6	311.0	312.5	0.5	15.5	19.7	122.
16.9	52.0	5251.1	525.0	-14.3	-29.1	277.0	42.0	41.7	-5.7	311.3	313.6	0.7	20.9	22.3	119.
18.2	55.2	5619.1	500.0	-14.8	-27.0	277.1	44.2	43.4	-5.4	315.6	315.3	0.8	40.5	25.4	116.
19.4	58.1	6036.0	475.0	-17.6	-29.2	277.0	44.7	44.4	-5.5	316.2	319.3	0.6	35.3	28.4	114.
20.7	61.4	6436.5	450.0	-20.7	-31.4	280.7	47.8	47.1	-8.4	317.2	319.3	0.6	37.7	31.0	112.
22.0	64.2	6826.4	425.0	-24.0	-35.0	282.0	44.7	43.7	-9.3	318.2	313.7	0.5	35.2	35.0	111.
23.6	68.3	7245.4	400.0	-27.9	-36.4	284.4	50.5	48.5	-10.0	318.7	320.1	0.4	43.2	40.0	110.
25.1	71.6	7727.0	375.0	-30.4	-43.0	277.4	46.1	45.7	-5.9	321.3	322.1	0.2	25.0	44.2	109.
26.6	75.1	4213.4	350.0	-34.5	-45.1	280.4	61.0	60.8	-11.1	322.2	322.9	0.2	32.7	49.4	108.
28.3	79.4	4724.3	325.0	-34.1	-48.5	270.5	38.0	38.0	-0.3	322.7	323.2	0.1	35.7	53.1	107.
29.9	83.1	4763.2	300.0	-44.3	94.9	280.0	60.3	61.3	-11.4	323.3	323.9	99.9	99.9	50.3	106.
31.7	87.3	4887.7	275.0	-48.4	94.9	275.1	45.7	45.3	-6.1	325.2	325.9	99.9	99.9	64.6	105.
33.0	92.7	10464.1	250.0	-53.1	94.9	281.6	74.4	77.4	-15.9	326.2	326.9	99.9	99.9	71.1	105.
34.6	96.1	11117.4	225.0	-56.1	94.9	277.0	25.4	25.2	-3.1	326.8	327.7	99.9	99.9	75.4	104.
36.4	102.9	11674.6	200.0	-59.4	99.9	290.0	36.3	36.1	-12.4	330.7	331.9	99.9	99.9	87.2	104.
41.4	107.2	12718.4	175.0	-77.4	99.9	279.1	60.4	57.6	-9.6	335.3	333.9	99.9	99.9	90.2	104.
44.5	113.9	13414.1	150.0	-57.4	99.9	276.1	44.9	44.6	-5.4	338.9	337.9	99.9	99.9	104.2	103.
48.2	120.5	14830.3	125.0	-62.3	99.1	281.8	58.1	56.9	-11.0	342.1	341.9	99.9	99.9	114.6	103.
52.0	129.0	16700.1	100.0	-67.0	99.9	276.4	44.7	44.4	-5.2	406.0	399.9	99.9	99.9	121.6	103.
54.6	136.3	17588.7	75.0	-64.3	97.9	320.8	7.5	1.6	-1.9	430.2	399.9	99.9	99.9	137.9	102.
59.0	146.3	20477.1	50.0	-59.1	99.9	283.9	35.6	34.5	-8.6	504.2	399.9	99.9	99.9	142.9	102.
77.0	153.3	24747.2	25.0	-59.1	99.9	262.7	17.9	17.0	1.0	615.2	399.9	99.9	99.9	150.6	101.

1 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 2 BY TEMP MEANS TEMPERATURE OP LINE HAVE BEEN INTERPOLATED  
 3 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX  
6 FEBRUARY 1975  
1715 GMT

TIME MI	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E PUT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.2	314.0	992.4	5.0	-1.0	360.0	8.2	0.0	-8.2	279.2	288.6	3.6	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	6.3	457.6	975.0	2.5	-3.1	352.7	11.2	1.4	-11.1	278.1	286.2	3.1	66.3	0.5	171.
1.3	11.1	674.0	950.0	0.5	-2.7	351.0	11.2	1.4	-11.1	278.1	286.2	3.1	66.3	1.0	172.
2.3	13.5	830.3	925.0	-1.7	-2.9	351.6	11.2	3.5	-10.6	278.0	286.7	3.3	78.7	1.6	170.
3.1	15.3	1047.4	900.0	-3.7	-4.0	339.5	11.9	4.2	-11.1	278.0	286.7	3.3	91.3	1.6	170.
3.9	18.3	1319.3	875.0	-5.3	-5.3	334.6	9.6	2.6	-9.4	278.0	286.4	3.2	97.3	2.2	167.
4.7	20.7	1594.8	850.0	-0.9	-15.1	337.3	10.0	0.5	-10.0	285.4	286.4	2.9	100.3	2.7	166.
5.6	23.2	1787.7	825.0	-0.0	-19.7	331.6	8.0	2.5	-7.6	288.7	291.6	1.5	37.6	3.2	167.
6.5	25.7	2034.0	800.0	-0.7	-19.3	335.9	11.9	4.9	-10.8	290.5	293.6	1.0	20.9	3.6	168.
7.5	28.2	2285.9	775.0	-2.1	-16.2	315.3	12.3	6.7	-8.4	291.7	295.8	1.4	22.9	4.2	168.
8.4	31.0	2547.2	750.0	-1.2	-9.0	288.4	14.0	13.3	-4.4	295.6	303.0	2.6	55.0	5.4	158.
9.4	34.3	2819.1	725.0	1.1	-18.4	277.7	17.8	17.6	-2.4	300.8	304.6	1.2	21.8	5.9	150.
10.4	36.3	3100.9	700.0	-0.2	-13.5	277.5	18.9	18.8	-2.5	302.5	308.3	1.9	36.0	6.7	142.
11.6	39.2	3370.9	675.0	-2.2	-13.0	275.6	14.3	16.3	-1.8	303.4	309.7	2.1	43.3	7.6	136.
12.6	41.9	3689.7	650.0	-4.1	-12.5	270.9	20.7	20.7	-0.3	304.6	311.4	2.3	51.7	8.6	131.
13.7	44.9	3978.4	625.0	-5.8	-14.4	268.3	21.6	21.6	0.6	306.0	312.1	2.0	50.8	9.7	124.
14.9	47.9	4317.1	600.0	-7.6	-14.9	264.9	22.7	22.6	2.0	307.6	313.7	2.0	55.4	11.0	120.
16.3	50.3	4647.7	575.0	-9.0	-24.1	271.2	24.9	24.9	-0.5	309.5	312.6	0.9	28.1	12.7	115.
17.7	53.9	4930.2	550.0	-11.0	-25.1	276.5	25.1	25.0	-2.8	311.1	314.1	0.9	30.7	14.7	12.
19.0	57.0	5146.0	525.0	-13.3	-22.4	276.3	25.6	25.4	-2.8	312.5	316.2	1.2	44.5	16.6	110.
20.5	60.3	5716.4	500.0	-14.4	-32.1	278.5	27.1	26.9	-3.0	315.5	317.3	0.5	20.6	18.9	108.
21.9	63.7	6124.4	475.0	-16.4	-38.0	278.6	27.9	27.6	-4.2	317.6	318.7	0.3	13.6	21.2	107.
23.4	67.0	6538.7	450.0	-19.2	-41.2	277.0	27.1	26.9	-3.3	319.0	319.9	0.2	12.2	23.6	106.
24.8	70.5	6 31.4	425.0	-22.4	-44.4	278.7	27.8	27.9	-2.7	320.3	320.9	0.2	10.9	26.1	105.
26.5	74.1	7373.4	400.0	-25.4	-52.5	275.2	29.9	29.8	-2.7	321.9	322.2	0.1	5.9	28.8	105.
28.0	78.0	7818.7	375.0	-28.7	-51.7	272.0	28.9	26.9	-1.0	323.6	323.9	0.1	8.8	31.5	104.
29.9	81.3	8321.8	350.0	-33.4	-55.0	276.5	28.4	28.2	-3.2	323.7	323.9	0.1	9.3	34.4	103.
31.7	85.3	8845.9	325.0	-38.3	-59.9	273.4	27.1	27.0	-1.8	323.9	323.9	99.9	99.9	37.6	102.
33.8	90.2	9387.7	300.0	-43.0	-64.0	267.9	26.7	26.4	-6.1	324.8	324.8	99.9	99.9	40.6	102.
35.7	94.8	9947.5	275.0	-48.5	-69.9	265.5	24.2	24.6	-7.5	325.1	325.1	99.9	99.9	44.0	102.
37.6	99.4	10587.8	250.0	-53.7	-74.0	260.0	24.7	24.2	-5.0	326.3	326.3	99.9	99.9	47.2	102.
40.0	104.9	11255.7	225.0	-59.4	-79.9	278.9	26.7	26.4	-4.1	326.8	326.8	99.9	99.9	50.8	102.
42.5	110.3	11947.2	200.0	-65.0	-85.0	285.7	33.7	32.5	-9.2	340.9	340.9	99.9	99.9	55.1	102.
45.6	115.6	12742.2	175.0	-71.3	-90.9	288.4	39.1	37.1	-12.3	355.4	355.4	99.9	99.9	62.2	103.
48.6	122.0	13754.1	150.0	-60.4	-99.9	287.4	41.7	39.8	-12.5	366.0	366.0	99.9	99.9	68.6	103.
52.7	129.3	14427.4	125.0	-62.4	-99.9	284.4	34.7	37.6	-8.7	381.2	381.2	99.9	99.9	77.9	104.
57.1	137.3	16231.7	100.0	-69.5	-99.9	283.2	41.58	40.4	-9.4	393.4	393.4	99.9	99.9	87.2	104.
62.1	144.7	17445.6	75.0	-70.5	-99.9	289.6	24.18	26.5	-9.4	425.1	425.1	99.9	99.9	96.8	104.
67.5	153.7	20473.4	50.0	-62.8	-99.9	276.4	20.4	20.4	-2.3	495.5	495.5	99.9	99.9	106.0	104.
81.0	163.3	24735.6	25.0	-59.8	-99.9	256.8	15.3	14.9	-3.5	613.3	613.3	99.9	99.9	116.5	103.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY



STATION NO. 265  
MIDLAND, TEX6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT UPN	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SLC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RH PCT	RANGE KM	AZ DG
0-0	10-6	873-0	927-5	-0-6	-9-0	10-0	5-1	-0-9	-5-0	278-7	284-4	2-1	53-0	0-0	0-0
00-0	09-9	99-9	1000-0	59-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
00-0	09-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
00-0	09-9	99-9	950-0	59-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9
0-2	10-3	894-5	925-0	-2-1	-10-4	9-2	5-6	-0-9	-5-5	277-4	282-5	1-9	52-8	0-1	267-0
1-1	13-2	1110-6	900-0	-5-4	-10-5	354-1	5-2	0-1	-5-2	276-2	281-3	1-9	67-3	0-3	190-0
1-8	15-5	1330-9	875-0	-7-7	-11-7	357-3	5-2	0-7	-5-2	276-1	280-8	1-8	72-9	0-5	182-0
2-7	17-7	1556-3	850-0	-7-2	-13-9	16-3	5-6	-1-6	-5-3	278-8	283-0	1-5	59-0	0-8	183-0
3-6	20-2	1790-7	825-0	-4-7	-14-2	43-2	7-0	-4-8	-5-1	283-9	288-2	1-5	47-1	1-1	191-0
4-4	22-4	7012-8	800-0	-4-8	-16-2	12-7	4-7	-1-0	-4-6	286-2	290-0	1-3	40-3	1-4	186-0
4-3	25-0	2241-5	775-0	-6-7	-17-6	339-3	7-4	2-6	-6-9	286-7	290-3	1-2	41-6	1-6	192-0
6-2	27-4	2537-2	750-0	-7-8	-21-4	329-5	13-1	6-7	-11-3	288-2	290-9	0-9	32-7	2-1	183-0
7-1	30-1	2400-5	725-0	-8-1	-27-0	319-9	12-8	8-2	-9-8	290-7	292-4	0-6	20-1	2-8	172-0
8-8	32-3	1073-2	700-0	-7-8	-18-3	999-9	99-9	99-9	99-9	294-0	297-8	1-3	42-8	999-9	999-9
9-1	35-3	3356-1	675-0	-7-6	-17-9	999-9	99-9	99-9	99-9	297-3	301-4	1-4	43-2	999-9	999-9
10-5	38-2	3549-6	650-0	-7-4	-26-3	999-9	99-9	99-9	99-9	300-7	302-8	0-7	20-3	999-9	999-9
11-7	40-9	3750-0	625-0	-6-3	-27-7	999-9	99-9	99-9	99-9	305-3	307-3	0-6	16-3	999-9	999-9
12-8	43-3	4274-5	600-0	-8-0	-25-4	999-9	99-9	99-9	99-9	306-9	309-5	0-8	23-2	999-9	999-9
13-9	46-9	4603-5	575-0	-11-5	-25-3	999-9	99-9	99-9	99-9	306-6	309-3	0-8	30-7	999-9	999-9
15-2	50-0	4962-0	550-0	-14-4	-22-7	292-5	27-9	25-8	-10-7	307-1	310-7	1-1	49-1	13-7	123-0
16-3	52-9	5294-6	525-0	-13-5	-21-0	295-8	24-3	26-4	-12-8	312-4	316-7	1-4	52-8	15-7	122-0
17-6	56-0	5604-6	500-0	-14-9	-23-9	242-5	30-3	28-0	-11-6	314-9	318-5	1-1	46-2	17-9	121-0
19-1	59-4	6051-1	475-0	-17-4	-27-2	290-9	31-9	31-7	-12-0	316-4	319-3	0-9	42-1	20-7	120-0
20-4	63-0	6454-1	450-0	-20-1	-30-4	285-1	32-7	31-6	-8-5	318-0	320-3	0-7	39-1	23-3	119-0
21-9	66-6	6674-4	425-0	-24-0	-33-2	261-5	31-4	30-8	-6-3	318-3	320-1	0-5	41-8	26-1	117-0
23-4	70-4	7114-5	400-0	-27-3	-36-8	283-3	37-1	35-1	-8-6	319-4	320-9	0-4	40-0	29-2	115-0
25-0	74-3	7776-7	375-0	-30-9	-40-7	283-4	35-6	34-6	-8-3	320-6	321-6	0-3	37-3	32-3	114-0
26-6	78-5	8262-5	350-0	-34-1	-44-1	283-4	35-9	34-9	-9-0	322-7	323-5	0-2	35-2	36-0	113-0
28-4	82-8	8776-5	325-0	-38-6	-46-4	282-9	40-3	39-2	-9-0	323-4	324-0	0-2	43-3	40-3	112-0
30-3	87-7	9321-4	300-0	-43-1	-49-9	286-5	44-1	42-3	-12-5	324-6	324-6	99-9	99-9	44-6	111-0
32-1	92-2	9901-3	275-0	-48-1	-54-9	287-6	41-16	39-2	-12-4	325-3	325-3	99-9	99-9	49-1	111-0
34-2	97-3	10522-1	250-0	-53-6	-59-9	287-7	36-56	34-8	-10-8	326-3	326-3	99-9	99-9	55-0	111-0
36-4	102-3	11190-7	225-0	-59-4	-64-9	291-7	51-08	47-4	-18-8	327-5	327-5	99-9	99-9	60-5	111-0
38-5	108-8	11421-1	200-0	-62-9	-69-9	288-1	40-18	38-1	-12-5	333-2	333-2	99-9	99-9	66-6	110-0
41-3	115-1	12759-5	175-0	-56-8	-64-9	295-3	47-98	43-3	-20-5	356-2	356-2	99-9	99-9	73-5	110-0
44-2	122-7	13723-9	150-0	-60-7	-69-9	287-5	37-57	35-7	-11-3	365-5	365-5	99-9	99-9	81-7	111-0
47-4	130-5	14859-4	125-0	-62-6	-69-9	295-4	45-68	41-0	-19-9	381-7	381-7	99-9	99-9	90-3	111-0
51-1	138-8	16229-4	100-0	-63-4	-64-9	288-0	37-98	36-1	-11-7	405-4	405-4	99-9	99-9	98-6	111-0
56-1	147-5	17973-4	75-0	-68-1	-69-9	286-4	22-78	21-7	-6-4	430-2	430-2	99-9	99-9	107-5	110-0
63-0	156-7	20451-7	50-0	-60-8	-69-9	281-5	21-48	21-0	-4-3	500-9	500-9	99-9	99-9	115-3	111-0
75-8	167-3	28764-4	25-0	-59-0	-69-9	249-9	16-3	15-3	5-6	615-1	615-1	99-9	99-9	119-6	110-0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
MAYRERAS, NC6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	159	18. 0
0.0	5.1	4.0	1010.1	14.3	9.1	240.0	5.7	4.9	2.9	287.6	306.3	7.2	71.0	0.0	0.0	0.
0.3	5.8	88.7	1000.0	12.4	8.0	240.0	8.6	7.9	3.4	286.4	304.0	6.8	74.7	0.3	40.	0.
1.1	8.3	300.5	975.0	10.9	5.8	249.5	11.9	11.1	4.2	286.9	302.5	5.9	70.6	0.7	60.	0.
1.9	10.6	517.8	950.0	11.4	0.9	254.0	14.2	13.6	3.9	289.4	301.0	4.3	68.3	1.4	66.	0.
2.7	13.0	740.3	925.0	10.9	-4.4	255.6	15.5	15.0	3.9	290.9	299.1	3.0	33.8	2.0	69.	0.
3.5	15.4	968.3	900.0	9.8	-7.5	261.9	16.7	16.5	2.4	292.0	298.8	2.4	28.6	2.7	71.	0.
4.2	17.8	1201.5	875.0	8.3	-6.6	263.0	21.3	21.2	2.6	292.7	300.3	2.7	34.3	3.6	74.	0.
4.9	20.4	1440.4	850.0	6.8	-1.9	260.9	25.3	25.0	4.0	293.8	304.7	3.9	53.9	4.6	76.	0.
5.7	22.8	1684.8	825.0	4.7	-2.2	260.9	28.2	27.9	4.5	294.1	305.0	3.9	60.7	5.7	77.	0.
6.5	25.5	1934.8	800.0	2.3	-2.1	261.4	28.6	28.3	4.3	294.1	305.4	4.1	72.7	7.3	78.	0.
7.4	28.0	2190.4	775.0	0.4	-2.6	259.2	31.4	30.8	5.9	294.8	306.1	4.1	80.0	8.8	79.	0.
8.3	30.6	2454.9	750.0	2.7	-28.7	255.6	34.5	33.4	8.6	299.6	301.2	0.5	8.0	10.7	78.	0.
9.3	33.6	2728.3	725.0	1.1	-20.1	253.8	34.7	33.3	9.7	300.8	304.1	1.1	16.9	12.6	78.	0.
10.3	36.3	3009.4	700.0	-1.0	-16.5	254.0	35.3	33.9	9.7	301.5	306.1	1.5	29.7	14.7	77.	0.
11.3	39.1	3298.5	675.0	-3.1	-12.7	253.3	38.1	36.5	11.0	302.5	308.8	2.1	47.1	17.1	77.	0.
12.3	41.9	3596.4	650.0	-4.9	-13.2	250.6	40.8	38.5	13.5	303.6	310.0	2.1	52.4	19.1	76.	0.
13.3	45.0	3903.4	625.0	-7.5	-13.1	249.6	43.4	40.7	15.0	304.1	310.7	2.2	64.1	21.9	75.	0.
14.5	48.0	4219.9	600.0	-10.1	-13.5	248.0	49.3	46.7	15.7	312.0	314.4	0.7	37.0	36.6	74.	0.
15.7	50.9	4546.9	575.0	-12.2	-19.5	249.4	49.8	44.7	18.6	314.0	315.3	0.4	21.3	40.3	73.	0.
16.7	54.1	4888.4	550.0	-14.3	-22.5	252.7	41.6	39.7	12.4	307.2	310.6	1.1	49.4	30.3	74.	0.
17.9	57.3	5237.4	525.0	-15.6	-24.3	254.2	43.7	42.1	11.9	309.8	313.0	1.0	47.0	33.0	74.	0.
19.1	60.7	5604.8	500.0	-17.3	-28.5	251.4	49.3	46.7	15.7	312.0	314.4	0.7	37.0	36.6	74.	0.
20.3	64.1	5987.9	475.0	-19.3	-35.9	247.4	48.5	44.7	18.6	314.0	315.3	0.4	21.3	40.3	73.	0.
21.6	67.6	6387.1	450.0	-23.1	-37.2	245.0	47.2	42.7	19.9	314.2	315.4	0.3	25.9	43.7	73.	0.
22.8	71.0	6803.3	425.0	-25.3	-39.4	243.4	48.9	43.8	21.9	316.3	317.5	0.3	25.5	47.4	72.	0.
24.2	74.9	7239.2	400.0	-29.7	-41.8	241.9	50.6	44.6	23.6	316.3	317.5	0.2	29.7	51.5	71.	0.
25.9	79.0	7698.8	375.0	-32.5	-43.8	247.7	54.7	50.6	20.8	318.5	319.2	0.2	37.3	54.5	71.	0.
27.3	82.8	8179.3	350.0	-36.5	-45.6	247.8	61.6	57.0	23.3	319.4	320.1	0.2	38.3	61.7	70.	0.
28.9	87.0	8688.2	325.0	-40.8	-49.9	246.2	71.6	65.5	28.8	320.5	321.8	0.2	47.0	74.0	70.	0.
30.7	91.4	9227.8	300.0	-45.1	-49.9	240.9	56.9	49.7	27.7	321.8	322.5	0.2	47.0	74.0	70.	0.
32.6	96.0	9803.0	275.0	-49.8	-49.9	240.1	64.4	55.9	32.1	323.1	323.1	0.2	47.0	74.0	70.	0.
34.6	100.8	10420.5	250.0	-54.2	-49.9	241.6	59.9	52.7	28.5	325.6	325.6	0.2	47.0	74.0	70.	0.
36.6	106.2	11090.3	225.0	-57.6	-49.9	241.4	93.6	82.2	44.8	330.2	330.2	0.2	47.0	74.0	70.	0.
38.8	111.8	11833.9	200.0	-57.6	-49.9	241.0	67.6	59.1	32.8	341.6	341.6	0.2	47.0	74.0	70.	0.
41.3	117.8	12681.2	175.0	-55.0	-49.9	247.9	64.4	59.7	24.2	359.1	359.1	0.2	47.0	74.0	70.	0.
44.2	124.3	13659.9	150.0	-57.4	-49.9	246.2	92.1	84.2	37.2	371.3	371.3	0.2	47.0	74.0	70.	0.
47.6	131.3	14800.2	125.0	-63.5	-49.9	249.0	77.1	72.0	27.6	380.1	380.1	0.2	47.0	74.0	70.	0.
51.6	138.5	16165.9	100.0	-63.3	-49.9	245.7	62.3	51.5	35.1	405.6	405.6	0.2	47.0	74.0	70.	0.
56.3	145.7	17926.6	75.0	-63.9	-49.9	245.7	14.7	-14.5	-2.3	439.0	439.0	0.2	47.0	74.0	70.	0.
62.4	153.3	20419.1	50.0	-63.4	-49.9	244.3	4.4	3.9	1.9	493.1	493.1	0.2	47.0	74.0	70.	0.
72.2	161.0	24699.1	25.0	-59.1	-49.9	254.7	24.6	23.8	6.5	614.8	614.8	0.2	47.0	74.0	70.	0.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA6 FEBRUARY 1975  
1751 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	246.0	982.4	13.4	7.6	250.0	6.2	5.8	2.1	288.9	306.4	6.7	68.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	8.9	309.4	975.0	10.9	3.9	257.4	9.4	9.1	2.0	286.8	300.6	5.2	63.1	0.4	64.
1.0	10.9	525.4	950.0	8.8	2.7	263.5	8.5	8.5	1.0	286.8	299.7	4.9	65.7	0.7	75.
1.8	13.3	745.4	925.0	6.6	2.0	267.4	9.2	9.2	0.4	286.7	297.4	4.8	72.4	1.1	81.
2.7	15.5	969.8	900.0	4.7	0.9	261.0	11.4	11.3	1.8	287.0	299.0	4.5	75.8	1.6	81.
3.6	17.6	1198.9	875.0	2.9	-0.3	263.8	13.1	13.0	1.4	287.4	298.8	4.3	78.9	2.3	81.
4.4	20.0	1433.0	850.0	1.1	-1.7	264.7	15.0	14.9	1.4	287.8	298.5	4.0	81.7	3.0	82.
5.3	22.2	1672.9	825.0	0.3	-5.0	263.6	18.1	18.0	2.0	289.3	299.1	3.2	67.6	3.8	83.
6.3	24.7	1919.9	800.0	-0.1	-8.5	259.3	23.4	23.0	4.3	291.4	298.5	2.5	53.0	4.1	83.
7.2	26.9	2173.8	775.0	-1.2	-12.6	253.6	24.2	23.2	6.8	292.7	298.1	1.9	41.7	6.4	81.
8.2	29.4	2434.6	750.0	-2.7	-14.7	249.6	24.1	22.6	8.4	293.9	298.6	1.6	38.8	7.9	79.
9.2	32.0	2702.8	725.0	-3.8	-15.3	244.4	26.4	23.8	11.4	295.4	300.1	1.6	40.3	9.3	78.
10.3	34.7	2978.7	700.0	-6.1	-16.5	245.2	25.4	23.0	10.6	295.9	300.4	1.5	43.5	11.0	75.
11.4	37.1	3263.2	675.0	-6.5	-13.6	251.2	29.6	28.0	9.5	298.6	305.5	2.0	57.1	12.9	74.
12.4	39.9	3557.3	650.0	-8.7	-13.8	254.8	32.8	31.6	8.6	299.4	305.3	2.0	66.2	14.8	74.
13.5	42.4	3860.1	625.0	-11.2	-15.2	254.1	33.6	32.3	9.2	299.8	305.4	1.9	72.6	16.9	74.
14.6	45.3	4173.0	600.0	-11.8	-18.8	252.1	39.9	38.0	12.3	302.6	307.0	1.4	55.8	19.1	74.
15.9	48.2	4499.7	575.0	-11.6	-19.6	250.0	51.7	48.6	17.6	306.6	310.9	1.4	51.0	22.5	74.
17.1	51.0	4839.0	550.0	-13.7	-21.5	246.5	53.2	48.8	21.2	308.0	311.9	1.2	51.4	26.7	73.
18.5	54.0	5191.4	525.0	-16.0	-23.6	241.1	41.3	36.2	20.0	309.2	312.7	1.1	51.8	30.4	72.
19.8	56.9	5557.7	500.0	-18.2	-26.4	241.4	50.1	44.0	24.0	310.9	313.7	0.9	48.4	34.2	71.
21.1	60.1	5938.5	475.0	-21.1	-28.9	242.0	53.5	47.3	25.1	311.9	314.3	0.7	49.1	37.9	70.
22.5	63.6	6335.6	450.0	-24.3	-29.1	241.5	47.9	42.1	22.8	312.7	315.2	0.8	46.9	42.1	69.
23.9	68.7	6750.4	425.0	-25.9	-30.5	244.5	64.7	58.4	27.9	315.8	318.1	0.7	65.9	46.9	68.
25.4	70.2	7187.7	400.0	-28.3	-38.2	243.3	60.1	53.7	27.1	318.2	319.0	0.4	37.9	52.3	68.
26.9	73.7	7646.5	375.0	-32.6	-46.7	241.6	58.8	51.8	28.0	318.5	319.0	0.1	22.6	57.3	67.
28.6	77.5	8128.2	350.0	-37.1	-51.0	240.4	56.1	48.6	27.7	318.6	319.0	0.1	21.8	63.9	67.
30.5	81.3	8635.4	325.0	-41.3	-59.9	241.5	71.7	63.0	34.2	319.8	319.9	99.9	99.9	71.5	66.
32.5	85.2	9174.7	300.0	-45.6	-69.9	245.0	55.0	49.8	27.2	321.0	319.9	99.9	99.9	77.7	66.
34.5	89.5	9747.6	275.0	-51.1	-79.9	246.0	63.1	57.6	25.7	321.2	319.9	99.9	99.9	85.7	66.
36.7	94.0	10360.5	250.0	-55.7	-89.9	250.0	56.9	53.5	19.5	323.3	319.9	99.9	99.9	93.7	66.
38.9	98.8	11026.6	225.0	-58.8	-99.9	241.8	48.4	42.7	22.9	328.4	319.9	99.9	99.9	101.5	66.
41.4	103.8	11766.3	200.0	-60.0	-99.9	235.5	74.1	61.0	15.0	337.8	319.9	99.9	99.9	111.0	66.
44.2	109.5	12608.0	175.0	-56.0	-99.9	249.0	53.0	49.5	14.0	357.5	319.9	99.9	99.9	124.6	65.
47.6	115.4	13589.5	150.0	-57.5	-99.9	244.7	65.5	59.2	28.0	371.1	319.9	99.9	99.9	138.7	65.
51.5	123.3	14723.9	125.0	-61.5	-99.9	247.0	86.3	61.1	25.9	383.7	319.9	99.9	99.9	149.0	65.
56.0	130.0	16100.4	100.0	-62.5	-99.9	240.7	57.2	49.9	28.0	407.0	319.9	99.9	99.9	160.8	65.
61.4	138.0	17872.3	75.0	-61.9	-99.9	241.6	59.5	52.3	28.3	443.1	319.9	99.9	99.9	176.6	65.
69.2	146.7	20380.8	50.0	-62.5	-99.9	276.6	7.8	7.7	-0.9	496.3	319.9	99.9	99.9	187.7	65.
80.2	150.0	24050.8	25.0	-60.5	-99.9	11.2	7.2	-1.6	-7.0	610.7	319.9	99.9	99.9	201.2	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC6 FEBRUARY 1975  
1776 GMT

147 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POF T DEG K	E POF T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.8	275.0	976.7	4.9	4.0	220.0	3.6	2.3	2.8	280.6	294.0	5.2	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.0	289.3	975.0	8.4	4.7	242.2	7.2	6.3	3.3	284.3	298.6	5.5	77.6	0.1	50.
0.9	10.2	503.2	950.0	6.1	2.4	252.3	7.7	7.3	3.3	284.3	298.6	4.8	77.1	0.3	58.
1.8	12.2	722.2	925.0	7.1	-2.7	272.6	11.9	11.9	-0.5	282.0	298.2	3.4	49.6	0.8	76.
2.5	14.5	947.3	900.0	5.9	-3.3	273.1	11.7	11.7	0.6	288.0	297.1	3.3	51.4	1.3	84.
3.4	16.5	1177.1	875.0	3.7	-4.2	261.5	9.7	9.6	1.4	288.1	296.8	3.2	56.3	1.9	85.
4.2	18.8	1411.7	850.0	2.0	-5.2	257.1	10.0	9.7	2.2	288.6	297.0	3.0	58.6	2.3	84.
5.1	20.9	1652.0	825.0	0.3	-7.4	256.8	13.6	13.2	3.1	289.3	296.7	2.7	56.0	2.9	82.
5.2	23.3	1898.3	800.0	-1.1	-9.2	253.7	16.9	16.2	4.7	290.3	297.0	2.4	54.0	3.7	81.
6.7	25.5	2151.0	775.0	-2.0	-12.1	256.4	18.8	18.2	4.4	291.2	296.8	2.0	48.3	4.5	79.
7.7	27.9	2410.7	750.0	-2.9	-20.8	261.3	21.1	20.9	3.2	293.6	296.5	1.0	23.6	5.7	80.
8.7	30.4	2678.9	725.0	-4.0	-20.3	258.8	24.8	24.3	4.8	295.2	298.3	1.0	26.8	7.0	80.
9.7	32.9	2954.9	700.0	-5.4	-21.0	254.4	26.4	25.5	7.1	296.6	299.7	1.0	28.0	8.6	79.
10.7	35.4	3239.4	675.0	-7.5	-22.9	258.8	28.0	25.1	6.8	297.3	300.1	0.9	27.9	10.2	78.
11.7	38.0	3531.8	650.0	-9.9	-22.8	254.2	27.7	26.7	7.6	297.9	300.8	0.9	33.9	11.8	78.
12.7	40.5	3834.3	625.0	-10.4	-23.9	253.2	31.4	30.0	9.1	300.6	303.4	0.9	32.0	13.6	77.
13.8	43.2	4187.3	600.0	-12.8	-22.0	256.0	34.4	33.4	8.3	301.4	304.8	1.1	45.6	15.7	77.
14.8	46.0	4470.3	575.0	-15.5	-23.1	257.5	38.3	38.4	8.5	301.9	305.1	1.0	51.8	17.9	77.
15.1	49.0	4805.7	550.0	-15.9	-23.4	251.6	46.8	44.4	14.8	305.3	308.6	1.1	52.6	21.2	77.
17.3	51.8	5155.8	525.0	-17.4	-25.2	246.8	52.3	48.0	20.6	307.6	310.6	0.9	50.4	24.9	76.
18.6	54.9	5519.6	500.0	-19.9	-25.1	248.1	51.7	48.0	19.3	308.8	312.0	1.0	62.9	29.1	74.
19.9	57.9	5897.9	475.0	-22.5	-26.7	249.8	55.2	51.8	19.0	310.2	313.1	0.9	68.3	32.9	74.
21.2	61.1	6293.8	450.0	-24.4	-29.6	248.3	58.0	53.9	21.5	312.6	315.0	0.7	62.1	37.7	73.
22.6	64.4	6707.7	425.0	-27.7	-34.0	247.4	58.2	53.7	22.3	313.5	315.2	0.5	54.3	42.7	73.
23.1	67.7	7140.1	400.0	-31.8	-37.7	245.9	62.9	57.4	25.7	313.7	314.9	0.4	55.4	47.4	72.
25.7	71.2	7592.6	375.0	-35.6	-37.8	245.8	61.5	56.1	25.2	314.5	315.8	0.4	60.3	53.3	71.
27.3	75.0	8071.1	350.0	-38.3	-50.2	248.2	67.3	62.5	25.0	317.0	317.4	0.1	26.9	59.4	71.
29.1	79.0	8576.3	325.0	-42.7	99.9	251.1	60.5	57.2	19.6	317.8	99.9	99.9	99.9	66.7	71.
31.0	83.0	9110.3	300.0	-47.6	99.9	250.4	50.4	56.0	20.0	318.3	99.9	99.9	99.9	75.8	71.
32.8	87.2	9679.4	275.0	-52.6	99.9	249.5	81.6	76.4	28.6	319.0	99.9	99.9	99.9	82.2	70.
34.8	91.8	10289.3	250.0	-56.3	99.9	248.7	85.7	79.8	31.2	322.4	99.9	99.9	99.9	89.5	70.
37.0	96.5	10955.6	225.0	-57.3	99.9	239.6	72.9	69.9	36.8	330.8	99.9	99.9	99.9	99.4	70.
39.3	101.6	11703.1	200.0	-57.6	99.9	238.4	27.7	22.5	16.1	341.5	99.9	99.9	99.9	107.8	69.
42.0	107.5	12561.3	175.0	-52.7	99.9	249.2	130.4	121.9	46.2	363.0	99.9	99.9	99.9	124.7	69.
44.6	113.5	13507.2	150.0	-58.3	99.9	231.1	12.5	9.7	7.8	365.7	99.9	99.9	99.9	137.2	69.
48.2	120.3	14682.6	125.0	-60.7	99.9	243.8	43.4	39.0	19.2	385.2	99.9	99.9	99.9	138.6	68.
52.3	127.8	16079.4	100.0	-61.3	99.9	247.0	53.3	49.1	20.6	408.3	99.9	99.9	99.9	150.7	68.
57.9	135.8	17861.9	75.0	-61.7	99.9	243.0	58.5	45.1	22.9	443.6	99.9	99.9	99.9	179.1	68.
65.9	143.3	20375.0	50.0	-62.4	99.9	248.1	57.7	53.5	21.5	496.8	99.9	99.9	99.9	181.3	68.
77.3	151.0	24654.8	25.0	-59.8	99.9	280.0	8.7	8.5	-1.5	612.9	99.9	99.9	99.9	198.4	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
 NASHVILLE, TENN

 6 FEBRUARY 1975  
 1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	PH PCT	RANGE KM	AZ DG
0-0	5-0	180-0	994.2	-0.4	-1.2	280-0	6-2	6-1	-1-1	273-7	282-6	3-5	94-0	0-0	0-
99-9	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-6	6-5	335-9	975-0	-1-6	-2-7	295-9	8-2	7-4	-3-6	273-9	282-2	3-2	92-2	0-3	116-
1-3	8-8	542-2	950-0	-3-3	-4-2	304-0	7-3	6-1	-4-1	274-3	281-9	3-0	93-5	0-6	117-
2-1	10-9	752-7	925-0	-4-6	-5-1	300-9	7-1	6-1	-3-6	275-0	282-3	2-8	96-0	0-9	120-
2-8	13-2	968-1	900-0	-5-9	-6-5	290-4	6-7	6-3	-2-3	275-7	282-6	2-6	95-4	1-2	119-
3-6	15-5	1188-7	875-0	-6-7	-7-2	274-5	7-3	7-2	-0-6	277-2	283-9	2-6	96-2	1-5	119-
4-3	17-7	1415-1	850-0	-7-2	-7-6	285-9	6-6	6-3	-1-8	276-9	283-7	2-5	96-6	1-8	112-
5-1	20-2	1647-6	825-0	-8-3	-8-8	286-2	8-2	7-9	-2-3	280-1	286-5	2-4	96-4	2-1	112-
5-9	22-5	1886-8	800-0	-8-0	-8-5	281-8	11-0	10-8	-2-3	282-9	289-7	2-5	96-4	2-6	110-
6-7	24-9	2133-2	775-0	-9-0	-9-5	274-7	11-0	11-0	-0-9	284-4	290-9	2-4	96-1	3-1	108-
7-5	27-3	2386-7	750-0	-10-3	-10-9	263-0	10-4	10-3	1-3	285-6	291-8	2-2	95-7	3-6	106-
8-4	29-9	2647-3	725-0	-11-6	-12-2	253-4	12-5	12-0	3-6	287-0	292-8	2-1	95-8	4-1	102-
9-1	32-6	2916-2	700-0	-12-5	-13-1	250-2	15-7	14-8	5-3	288-8	294-4	2-0	95-5	4-7	98-
10-1	35-3	3193-6	675-0	-13-5	-14-2	248-3	19-0	17-7	7-0	290-8	296-1	1-9	94-5	5-6	93-
11-0	37-9	3479-9	650-0	-15-1	-15-9	245-9	21-1	19-2	8-6	292-0	297-0	1-7	93-7	6-6	89-
12-0	40-5	3775-7	625-0	-16-9	-17-8	243-8	22-0	19-7	9-7	293-2	297-6	1-5	92-5	7-9	85-
13-1	43-4	4041-0	600-0	-18-9	-20-1	245-6	25-0	22-8	10-3	294-3	298-2	1-3	90-5	9-2	81-
14-1	46-3	4396-9	575-0	-21-0	-21-9	240-6	27-9	24-3	13-7	295-5	298-9	1-2	92-9	10-8	79-
15-2	49-4	4723-7	550-0	-23-6	-24-5	234-5	26-9	21-9	15-6	296-2	299-1	1-0	92-4	12-5	76-
16-5	52-4	5062-1	525-0	-26-3	-28-1	234-6	30-3	24-7	17-5	296-9	299-1	0-7	84-2	14-5	73-
17-7	55-4	5413-0	500-0	-29-0	-31-9	239-8	32-9	28-4	16-6	297-7	298-4	0-2	80-8	16-8	70-
18-9	58-6	5778-4	475-0	-30-8	-34-2	243-2	34-8	31-1	15-7	299-9	300-2	0-1	80-8	19-2	69-
20-3	62-1	6160-0	450-0	-33-3	-38-1	240-6	42-4	36-9	20-8	301-3	301-6	0-1	80-8	22-1	68-
21-7	65-6	6560-5	425-0	-34-8	-41-5	240-1	49-7	43-1	24-8	304-4	304-7	0-1	80-8	26-1	67-
23-0	69-1	6982-1	400-0	-36-3	-46-6	239-6	63-1	54-4	32-0	307-8	308-2	0-1	80-8	30-4	66-
24-5	72-7	7428-6	375-0	-37-9	-47-3	237-8	70-48	59-5	37-5	311-4	311-9	0-1	80-8	36-3	65-
26-1	76-7	7900-8	350-0	-40-8	-50-9	237-7	76-79	64-8	41-0	313-7	313-7	99-9	99-9	44-0	64-
27-6	80-7	8401-1	325-0	-44-2	-55-9	237-7	81-38	68-8	43-4	315-7	315-7	99-9	99-9	50-6	63-
29-2	85-0	8932-2	300-0	-48-6	-61-9	236-9	90-00	75-4	49-2	316-8	316-8	99-9	99-9	59-5	62-
31-2	89-4	9501-0	275-0	-50-0	-65-9	237-4	92-78	74-4	44-4	322-8	322-8	99-9	99-9	67-1	61-
33-3	94-4	10121-2	250-0	-52-5	-70-9	241-8	100-88	83-5	28-9	328-0	328-0	99-9	99-9	76-0	61-
35-4	99-4	10801-0	225-0	-52-6	-75-9	243-3	107-78	80-78	27-3	337-9	337-9	99-9	99-9	83-9	61-
37-7	104-8	11562-1	200-0	-52-9	-80-9	248-1	113-98	74-98	16-4	348-9	348-9	99-9	99-9	90-4	62-
40-4	110-8	12421-8	175-0	-54-0	-85-9	250-8	120-98	69-98	14-8	360-7	360-7	99-9	99-9	99-3	62-
43-5	117-3	13410-9	150-0	-53-6	-90-9	244-0	127-98	64-98	20-5	377-7	377-7	99-9	99-9	107-7	63-
47-1	125-0	14575-0	125-0	-56-7	-95-9	241-8	134-98	59-98	17-9	392-4	392-4	99-9	99-9	117-9	63-
51-2	132-7	15988-7	100-0	-57-9	-100-9	246-0	142-98	52-98	21-2	410-0	410-0	99-9	99-9	128-1	63-
54-7	141-3	17608-2	75-0	-57-8	-105-9	249-2	149-98	46-98	17-6	431-8	431-8	99-9	99-9	139-0	64-
63-3	150-0	20332-6	50-0	-61-8	-110-9	247-1	156-98	20-98	11-3	447-9	447-9	99-9	99-9	152-3	64-
74-8	160-0	24603-9	25-0	-62-0	-115-9	244-8	162-98	16-98	1-5	604-5	604-5	99-9	99-9	166-2	66-

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK6 FEBRUARY 1975  
1800 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	79.0	1013.9	-1.1	-6.6	290.0	7.7	7.2	-2.6	271.3	277.2	2.3	66.0	0.0	0.
0.2	5.9	106.8	1000.0	-3.1	-10.0	313.7	12.1	8.8	-8.4	270.3	275.0	1.8	58.0	0.5	110.
0.4	8.1	386.4	975.0	-5.3	-9.5	316.5	11.2	7.7	-8.1	270.1	275.0	1.9	71.7	0.9	129.
1.6	10.4	591.7	950.0	-7.6	-10.1	321.0	10.5	6.6	-8.2	269.7	274.6	1.9	82.5	1.2	132.
2.1	12.5	798.3	925.0	-9.9	-10.6	327.0	10.2	5.6	-8.6	269.4	274.1	1.8	96.7	1.6	135.
2.8	14.9	1011.6	900.0	-6.1	-8.3	334.5	6.3	3.6	-7.5	275.5	281.5	2.3	83.9	1.9	138.
3.4	17.1	1231.9	875.0	-7.1	-10.1	332.9	7.6	3.4	-6.7	276.6	282.0	2.0	79.4	2.2	141.
4.3	19.6	1457.7	850.0	-8.3	-10.8	332.2	9.4	4.4	-8.3	277.7	283.0	2.0	82.1	2.6	142.
5.1	21.8	1689.0	825.0	-9.5	-12.0	325.1	10.8	6.2	-8.6	278.8	283.8	1.8	81.7	3.2	143.
6.0	24.3	1928.9	800.0	-9.1	-11.6	308.5	11.1	8.7	-6.9	281.6	287.0	2.0	82.1	3.8	142.
6.9	26.6	2173.4	775.0	-8.2	-10.8	308.4	10.0	7.8	-6.2	285.2	291.2	2.2	81.2	4.3	140.
7.8	29.2	2428.1	750.0	-8.1	-12.5	308.0	7.9	6.2	-4.9	288.0	293.5	1.9	70.6	4.8	139.
8.7	31.9	2690.8	725.0	-9.7	-14.9	297.3	7.1	6.3	-3.3	289.0	293.7	1.7	85.5	5.1	138.
9.6	34.6	2960.9	700.0	-11.4	-17.8	292.7	10.7	9.9	-4.1	290.0	293.9	1.3	59.1	5.5	136.
10.4	37.1	3240.1	675.0	-11.1	-24.5	294.5	14.9	13.6	-6.2	293.3	295.6	0.8	32.1	6.1	134.
11.5	39.9	3528.9	650.0	-13.0	-26.0	296.5	18.2	16.3	-8.1	294.3	296.4	0.7	32.6	7.2	131.
12.5	42.6	3826.8	625.0	-15.2	-30.2	293.8	20.1	18.4	-8.1	295.1	296.7	0.5	26.2	8.3	129.
13.5	45.3	4133.9	600.0	-17.3	-36.5	289.9	20.7	19.5	-7.0	296.1	297.0	0.3	16.9	9.6	127.
14.7	48.3	4451.2	575.0	-20.1	-38.8	289.2	20.7	19.6	-6.8	296.4	297.2	0.2	16.9	10.9	124.
15.8	51.3	4779.1	550.0	-22.4	-41.0	290.3	21.3	21.8	-6.3	297.4	298.1	0.2	16.4	12.3	123.
17.0	54.4	5118.7	525.0	-25.4	-43.2	286.0	24.6	23.8	-6.8	297.9	298.4	0.2	16.9	14.0	121.
18.2	57.4	5470.4	500.0	-28.7	-45.2	282.4	24.7	24.2	-4.7	298.0	298.4	0.1	16.6	15.8	119.
19.4	60.7	5835.2	475.0	-32.0	-47.2	282.4	24.3	23.7	-5.2	298.4	298.7	0.1	20.3	17.5	117.
20.7	64.1	6214.1	450.0	-35.6	-49.9	299.9	24.9	24.9	99.9	298.5	298.8	0.1	21.1	99.9	99.9.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1821 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.7	438.0	971.6	-10.6	-14.5	300.0	7.2	6.2	-3.6	264.9	268.2	1.3	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.6	609.8	950.0	-13.7	-16.0	301.2	8.1	6.9	-4.2	263.4	266.4	1.2	82.9	0.4	127.
1.3	10.7	811.9	925.0	-15.5	-15.9	314.6	6.5	4.6	-4.6	263.6	266.7	1.2	97.0	0.6	126.
1.9	13.0	1017.9	900.0	-17.4	-17.4	320.7	7.9	5.0	-6.1	263.8	266.6	1.1	99.9	0.9	130.
2.6	15.2	1230.2	875.0	-14.9	-15.2	322.3	10.0	6.1	-7.9	268.5	272.0	1.3	97.8	1.2	134.
3.3	17.5	1450.1	850.0	-13.8	-15.0	310.6	10.3	7.8	-6.7	271.9	275.6	1.4	90.4	1.7	135.
4.2	19.9	1677.0	825.0	-13.8	-15.8	314.0	11.6	6.4	-8.1	274.2	277.8	1.3	84.4	2.2	134.
4.9	22.1	1910.9	800.0	-14.1	-16.3	309.6	11.8	9.1	-7.5	276.3	279.9	1.3	83.2	2.8	134.
5.8	24.7	2153.8	775.0	-10.5	-12.3	300.5	11.3	9.7	-5.7	282.7	286.0	1.9	86.8	3.4	132.
6.7	27.0	2406.3	750.0	-10.7	-14.3	304.5	12.4	10.3	-7.0	285.2	289.9	1.7	74.4	4.0	130.
7.5	29.6	2666.9	725.0	-11.6	-16.3	307.4	14.0	11.1	-8.5	286.9	291.1	1.5	67.8	4.7	130.
8.7	32.3	2935.3	700.0	-13.0	-18.0	308.3	15.7	12.3	-9.7	288.3	292.1	1.3	65.8	5.7	130.
9.6	34.9	3211.8	675.0	-14.5	-19.9	308.1	16.8	13.2	-10.4	289.5	292.9	1.2	63.6	6.6	130.
10.6	37.4	3496.8	650.0	-16.6	-22.1	305.3	15.5	12.6	-8.9	290.3	293.3	1.0	61.9	7.6	129.
11.6	40.2	3790.7	625.0	-18.5	-24.2	303.8	16.0	13.3	-8.9	291.4	294.0	0.9	60.8	8.5	129.
12.7	42.9	4093.6	600.0	-21.3	-26.4	301.4	16.6	14.2	-8.6	291.5	293.7	0.7	63.3	9.6	128.
13.7	45.9	4406.3	575.0	-23.4	-30.5	299.5	17.0	14.8	-8.4	292.7	294.3	0.5	51.9	10.6	127.
14.9	48.9	4729.6	550.0	-26.2	-35.2	300.6	17.3	14.9	-8.8	293.0	294.1	0.3	42.4	11.9	126.
16.1	51.8	5064.2	525.0	-29.1	-39.3	298.7	17.4	15.2	-8.3	293.4	294.2	0.2	36.6	13.1	126.
17.3	55.0	5410.7	500.0	-32.1	-43.0	296.4	18.9	17.0	-8.4	293.8	294.4	0.2	32.7	14.4	125.
18.6	58.0	5770.8	475.0	-34.8	-45.9	298.2	20.4	17.9	-9.6	294.9	295.3	0.1	31.1	15.9	124.
19.9	61.4	6145.7	450.0	-38.1	-49.1	298.1	19.8	17.4	-9.3	295.3	295.6	0.1	29.9	17.5	124.
21.3	65.0	6536.3	425.0	-41.6	-52.9	295.0	21.3	19.3	-9.0	295.8	296.9	99.9	99.9	19.0	123.
22.8	68.3	6945.3	400.0	-44.3	-55.9	296.6	22.6	20.2	-10.1	297.4	299.9	99.9	99.9	21.2	122.
24.3	71.9	7374.4	375.0	-47.7	-58.9	297.7	23.1	20.4	-10.7	298.4	299.9	99.9	99.9	23.3	122.
25.7	75.8	7827.0	350.0	-50.7	-61.9	295.7	19.5	17.6	-8.5	300.4	299.9	99.9	99.9	25.0	122.
27.3	80.0	8312.2	325.0	-48.6	-59.9	296.0	23.9	21.5	-10.5	309.7	299.9	99.9	99.9	26.9	121.
29.1	84.0	8838.9	300.0	-49.2	-59.9	292.4	26.3	24.4	-10.0	316.1	299.9	99.9	99.9	29.6	121.
31.1	88.4	9408.3	275.0	-50.4	-59.9	283.8	27.2	26.4	-6.5	322.2	299.9	99.9	99.9	32.7	119.
33.1	93.2	10029.5	250.0	-50.7	-59.9	281.8	30.1	29.5	-6.1	330.7	299.9	99.9	99.9	36.4	118.
35.4	98.3	10716.7	225.0	-50.6	-59.9	283.1	30.5	29.7	-6.9	331.0	299.9	99.9	99.9	40.4	116.
37.6	103.5	11481.7	200.0	-52.1	-59.9	281.6	30.8	30.2	-6.2	350.3	299.9	99.9	99.9	44.7	115.
40.3	109.7	12344.1	175.0	-53.6	-59.9	274.8	35.1	34.9	-3.0	361.5	299.9	99.9	99.9	49.7	113.
43.3	116.0	13329.6	150.0	-55.7	-59.9	280.4	35.9	35.4	-6.5	374.1	299.9	99.9	99.9	55.8	112.
46.9	123.3	14493.5	125.0	-55.6	-59.9	280.9	34.2	33.6	-6.5	394.4	299.9	99.9	99.9	63.4	111.
51.3	131.5	15908.5	100.0	-58.8	-59.9	271.0	28.1	28.1	-0.5	414.2	299.9	99.9	99.9	70.8	109.
57.2	140.5	17710.5	75.0	-57.5	-59.9	269.3	24.2	24.2	0.3	452.4	299.9	99.9	99.9	80.0	107.
64.8	150.3	20235.8	50.0	-59.6	-59.9	289.3	22.1	20.9	-7.3	503.1	299.9	99.9	99.9	90.6	106.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX6 FEBRUARY 1975  
1800 GMT

154 15. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.6	1095.0	899.0	-6.7	-14.0	320.0	6.2	4.0	-4.7	274.9	278.8	1.4	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.8	16.7	1305.0	875.0	-9.5	-16.8	337.2	7.5	2.9	-7.0	277.2	277.2	1.2	55.2	0.3	149.
1.6	19.1	1531.1	850.0	-3.2	-15.9	335.6	9.8	4.1	-8.9	283.0	286.6	1.3	36.6	0.7	153.
2.5	21.4	1767.0	825.0	-4.3	-17.8	331.5	10.2	4.9	-9.0	289.2	287.4	1.1	28.3	1.3	153.
3.3	23.9	2008.4	800.0	-6.6	-19.7	331.5	10.0	4.8	-8.7	284.3	287.1	1.0	34.2	1.7	153.
4.2	26.2	2256.3	775.0	-7.0	-20.5	328.9	8.2	4.2	-7.0	286.4	289.2	1.0	33.0	2.2	152.
5.0	28.6	2511.2	750.0	-8.8	-21.3	333.3	8.6	3.9	-7.9	287.1	289.8	0.9	35.5	2.7	152.
6.0	31.5	2772.9	725.0	-10.6	-22.2	342.8	10.0	2.9	-9.5	288.0	290.6	0.9	38.2	3.2	153.
6.9	34.0	3042.7	700.0	-11.0	-22.4	332.1	8.7	4.1	-7.7	290.4	293.1	0.9	38.2	3.7	154.
7.8	36.6	3320.7	675.0	-13.7	-21.2	315.0	9.0	6.4	-6.4	290.4	293.5	1.0	53.1	4.2	153.
8.8	39.4	3606.4	650.0	-15.6	-24.6	315.2	10.3	7.3	-7.3	291.2	293.6	0.8	46.4	4.7	150.
9.8	42.1	3901.6	625.0	-16.8	-26.2	329.8	12.0	6.0	-10.4	293.3	295.1	0.6	36.2	5.4	149.
10.9	45.1	4207.1	600.0	-18.7	-34.7	333.1	13.1	5.9	-11.6	294.5	295.6	0.3	22.7	6.2	150.
12.1	48.3	4523.7	575.0	-20.3	-40.8	335.6	13.4	5.5	-12.2	296.1	296.8	0.2	14.0	7.1	150.
13.2	51.1	4831.1	550.0	-23.0	-43.3	342.0	14.6	4.5	-13.9	296.8	297.3	0.1	13.5	8.0	151.
14.3	54.6	5190.0	525.0	-25.7	-46.0	342.2	16.1	4.4	-15.5	297.5	297.9	0.1	12.9	9.1	152.
15.6	57.6	5544.0	500.0	-25.2	-46.5	332.7	15.9	7.3	-14.1	302.3	302.7	0.1	11.5	10.3	152.
16.9	61.0	5916.1	475.0	-26.1	-47.2	308.3	20.7	18.2	-12.8	305.6	306.0	0.1	10.6	11.6	152.
18.3	64.7	6306.0	450.0	-27.6	-48.2	302.7	32.0	26.9	-17.3	308.5	308.8	0.1	11.8	13.4	148.
19.6	68.1	6717.1	425.0	-27.8	-48.4	300.7	46.9	40.3	-24.0	313.4	313.8	0.1	11.9	16.4	143.
20.9	71.8	7151.2	400.0	-30.0	-47.8	298.4	55.7	49.0	-26.5	316.0	316.4	0.1	15.5	20.2	138.
22.5	75.8	7607.3	375.0	-33.9	-46.7	297.6	57.7	51.2	-26.8	316.7	317.2	0.1	25.9	25.4	134.
24.2	80.0	8087.3	350.0	-37.1	-50.0	300.1	57.6	49.9	-28.9	318.6	319.0	0.1	24.5	31.0	131.
25.9	84.3	8554.9	325.0	-39.9	99.9	301.1	60.8	52.1	-31.3	321.7	321.7	99.9	99.9	37.1	130.
27.8	88.7	9139.6	300.0	-44.0	99.9	297.3	59.3	52.7	-27.2	323.4	323.4	99.9	99.9	43.9	128.
29.7	93.6	9717.8	275.0	-48.2	99.9	296.8	55.9	49.0	-26.8	325.4	325.4	99.9	99.9	50.8	127.
31.8	98.6	10339.1	250.0	-52.3	99.9	292.5	51.1	47.2	-19.5	328.3	328.3	99.9	99.9	58.6	125.
34.1	104.0	11014.4	225.0	-54.2	99.9	299.3	70.3	61.3	-34.4	332.3	332.3	99.9	99.9	65.9	124.
36.5	110.0	11760.9	200.0	-56.9	99.9	292.8	33.9	31.2	-13.1	342.7	342.7	99.9	99.9	72.8	123.
39.2	116.0	12607.8	175.0	-55.9	99.9	296.0	74.6	67.1	-32.7	357.6	357.6	99.9	99.9	80.6	122.
42.2	123.0	13566.4	150.0	-56.7	99.9	295.9	31.8	28.6	-13.9	372.3	372.3	99.9	99.9	92.0	122.
45.9	130.5	14740.0	125.0	-57.4	99.9	301.2	45.5	38.9	-23.6	391.1	391.1	99.9	99.9	100.1	121.
50.3	138.3	16137.9	100.0	-60.4	99.9	294.2	28.1	25.6	-11.5	411.2	411.2	99.9	99.9	109.7	121.
56.2	146.3	17913.4	75.0	-63.1	99.9	158.9	16.8	-6.1	15.7	440.7	440.7	99.9	99.9	118.7	121.
64.0	156.0	20427.5	50.0	-60.7	99.9	282.0	13.3	18.0	-3.2	500.4	500.4	99.9	99.9	126.6	120.
70.2	163.7	24751.6	25.0	-59.9	99.9	285.7	34.2	33.0	-9.3	612.9	612.9	99.9	99.9	151.1	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 402  
WALLOPS ISLAND, VA6 FEBRUARY 1975  
1715 GMT

TIME MIN	CHCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX ATO GM/KG	RH PCT	RANGE KM	AZ DG
0-0	5-4	4-0	1006.2	13.3	5-9	999.9	99.9	99.9	99.9	286.7	301.9	5-8	61.0	999.9	999.9
0-2	5-9	55.9	1000.0	11.7	4-6	999.9	99.9	99.9	99.9	285.5	299.5	5-3	61.6	999.9	999.9
0-4	8-2	266.8	975.0	9.1	4.3	999.9	99.9	99.9	99.9	285.1	299.0	5.3	71.6	999.9	999.9
1-6	10-4	481.6	950.0	7.1	3-9	999.9	99.9	99.9	99.9	285.1	299.1	5.4	80.0	999.9	999.9
2-3	12-7	700.6	925.0	6.3	1-3	999.9	99.9	99.9	99.9	286.4	298.5	4.6	70.7	999.9	999.9
3-2	15-2	925.3	900.0	5.4	-2.2	999.9	99.9	99.9	99.9	287.6	297.4	3.6	57.9	999.9	999.9
3-9	17-5	1154.9	875.0	3.7	-3.7	999.9	99.9	99.9	99.9	288.1	297.1	3.3	58.5	999.9	999.9
4-7	20-1	1389.7	850.0	2.0	-5.0	999.9	99.9	99.9	99.9	288.6	297.1	3.1	59.8	999.9	999.9
5-7	22-4	1620.1	825.0	0.5	-5.8	999.9	99.9	99.9	99.9	289.5	297.8	3.0	62.6	999.9	999.9
6-6	25-1	1876.5	800.0	-1.1	-7.6	999.9	99.9	99.9	99.9	290.3	297.8	2.7	61.0	999.9	999.9
7-6	27-6	2129.5	775.0	-2.4	-8.8	999.9	99.9	99.9	99.9	291.6	298.7	2.5	61.1	999.9	999.9
8-5	30-3	2389.0	750.0	-4.2	-13.2	999.9	99.9	99.9	99.9	292.3	297.6	1.8	49.4	999.9	999.9
9-4	33-1	2655.9	725.0	-5.0	-28.3	999.9	99.9	99.9	99.9	294.1	295.7	0.5	14.0	999.9	999.9
10-5	35-8	2931.1	700.0	-5.8	-37.5	999.9	99.9	99.9	99.9	296.0	296.7	0.2	6.1	999.9	999.9
11-6	38-6	3214.8	675.0	-7.8	-39.0	999.9	99.9	99.9	99.9	296.9	297.6	0.2	6.0	999.9	999.9
12-7	41-4	3507.2	650.0	-9.5	-45.7	999.9	99.9	99.9	99.9	298.2	298.6	0.1	3.3	999.9	999.9
13-9	44-5	3809.2	625.0	-11.4	-46.5	999.9	99.9	99.9	99.9	299.4	299.7	0.1	3.6	999.9	999.9
15-0	47-6	4120.6	600.0	-14.0	-46.4	999.9	99.9	99.9	99.9	299.9	300.2	0.1	4.5	999.9	999.9
16-1	50-7	4442.7	575.0	-15.9	-47.3	999.9	99.9	99.9	99.9	301.3	301.6	0.1	4.7	999.9	999.9
17-3	53-9	4775.9	550.0	-18.3	-43.8	999.9	99.9	99.9	99.9	302.4	302.9	0.1	8.5	999.9	999.9
18-5	57-1	5121.5	525.0	-20.5	-40.3	999.9	99.9	99.9	99.9	303.8	304.5	0.2	15.0	999.9	999.9
19-7	60-6	5481.7	500.0	-21.7	-29.7	999.9	99.9	99.9	99.9	306.7	308.8	0.6	48.1	999.9	999.9
21-2	64.3	5858.6	475.0	-22.8	-40.0	999.9	99.9	99.9	99.9	309.7	310.6	0.2	19.7	999.9	999.9
22-7	67-8	6252.6	450.0	-26.1	-31.9	999.9	99.9	99.9	99.9	310.5	312.4	0.6	57.8	999.9	999.9
24-2	71.5	6665.6	425.0	-27.5	-34.5	999.9	99.9	99.9	99.9	313.7	315.3	0.5	51.1	999.9	999.9
25-9	75.5	7099.4	400.0	-30.2	-38.6	999.9	99.9	99.9	99.9	315.7	316.8	0.3	43.3	999.9	999.9
27-5	79.7	7555.0	375.0	-34.3	-42.2	999.9	99.9	99.9	99.9	316.2	317.1	0.2	44.1	999.9	999.9
29-2	83.8	8033.9	350.0	-36.1	-44.4	999.9	99.9	99.9	99.9	317.3	318.0	0.2	51.0	999.9	999.9
31-1	88.2	8539.4	325.0	-42.1	99.9	999.9	99.9	99.9	99.9	318.7	999.9	99.9	999.9	999.9	999.9
33-0	93.0	9075.7	300.0	-46.7	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.9
35-0	97.8	9647.5	275.0	-50.4	99.9	999.9	99.9	99.9	99.9	322.2	999.9	99.9	999.9	999.9	999.9
37-3	103.0	10262.4	250.0	-54.8	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.9
39-7	108.8	10832.4	225.0	-55.5	99.9	999.9	99.9	99.9	99.9	333.4	999.9	99.9	999.9	999.9	999.9
42-4	114.8	11683.9	200.0	-56.4	99.9	999.9	99.9	99.9	99.9	343.5	999.9	99.9	999.9	999.9	999.9
45-4	121.3	12542.4	175.0	-52.8	99.9	999.9	99.9	99.9	99.9	362.7	999.9	99.9	999.9	999.9	999.9
48-1	128.3	13524.0	150.0	-57.6	99.9	999.9	99.9	99.9	99.9	370.8	999.9	99.9	999.9	999.9	999.9
51-1	136.0	14668.4	125.0	-59.1	99.9	999.9	99.9	99.9	99.9	388.0	999.9	99.9	999.9	999.9	999.9
53-2	143.7	16070.0	100.0	-59.3	99.9	999.9	99.9	99.9	99.9	413.1	999.9	99.9	999.9	999.9	999.9
56-9	152.0	17663.3	75.0	-62.7	99.9	999.9	99.9	99.9	99.9	441.5	999.9	99.9	999.9	999.9	999.9
72-2	181.0	20373.1	50.0	-62.3	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99-9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTD GM/KG	PH PCT	RANGE KM	AZ DG
0.0	7.2	85.0	995.7	3.9	2.4	0.0	0.0	0.0	0.0	278.0	289.7	4.6	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	9.0	255.4	975.0	2.4	2.4	999.9	99.9	99.9	99.9	278.2	290.1	4.7	100.7	999.9	999.9
1.3	11.1	466.3	950.0	5.6	0.7	999.9	99.9	99.9	99.9	283.5	294.6	4.2	70.2	999.9	999.9
2.1	13.4	684.8	925.0	5.2	-0.2	999.9	99.9	99.9	99.9	285.1	296.0	4.1	68.1	999.9	999.9
3.0	15.5	908.0	900.0	3.6	-0.9	999.9	99.9	99.9	99.9	285.8	296.4	4.0	72.2	999.9	999.9
3.8	17.6	1136.1	875.0	1.9	-1.3	999.9	99.9	99.9	99.9	286.3	296.9	4.0	79.6	999.9	999.9
4.8	20.2	1369.3	850.0	-0.3	-1.5	244.6	12.9	12.5	-3.3	286.4	297.1	4.0	91.3	2.7	112.
5.6	22.4	1607.7	825.0	-2.4	-3.1	282.2	14.6	14.3	-3.1	286.6	296.5	3.7	94.4	3.4	111.
6.3	24.8	1851.5	800.0	-3.8	-7.7	274.4	17.6	17.6	-1.4	287.4	294.8	2.7	74.8	4.1	109.
7.1	27.1	2102.0	775.0	-4.4	-11.5	266.2	19.0	18.9	1.3	289.3	295.1	2.0	57.5	5.0	105.
8.2	29.7	2360.0	750.0	-5.7	-13.7	265.3	19.3	19.2	1.6	290.6	295.7	1.8	52.9	6.1	102.
9.3	32.2	2625.4	725.0	-6.0	-19.5	261.5	20.4	-0.2	3.0	293.0	296.4	1.1	33.4	7.4	98.
10.5	34.8	2899.4	700.0	-7.5	-25.5	259.6	20.7	20.3	3.7	294.3	296.4	0.7	21.8	8.8	93.
11.5	37.3	3181.6	675.0	-9.5	-28.4	258.2	21.5	21.1	4.4	295.1	296.8	0.5	19.6	10.0	93.
12.4	40.0	3471.8	650.0	-11.7	-30.6	257.0	22.4	21.8	5.1	295.6	297.2	0.5	19.0	11.2	92.
13.4	42.5	3771.1	625.0	-14.0	-32.5	256.7	22.7	22.1	5.2	296.4	297.7	0.4	19.1	12.5	90.
14.4	45.2	4079.5	600.0	-16.5	-33.6	256.7	23.2	22.8	4.5	297.0	298.2	0.4	21.1	13.8	89.
15.5	48.0	4397.5	575.0	-19.3	-36.7	263.1	25.3	25.1	3.0	297.4	298.3	0.3	19.5	15.5	88.
16.7	50.8	4726.1	550.0	-22.4	-39.8	263.1	25.1	24.9	3.0	297.5	298.2	0.2	18.6	17.2	87.
18.0	53.8	5065.9	525.0	-25.2	-41.3	262.2	27.4	27.1	3.7	298.0	298.7	0.2	20.5	19.1	87.
19.2	56.6	5417.8	500.0	-28.4	-43.6	261.6	31.1	30.8	4.6	298.4	298.9	0.2	21.5	21.4	86.
20.6	59.9	5784.2	475.0	-29.7	-49.5	263.9	40.1	40.5	4.3	301.2	301.5	0.1	12.4	24.3	86.
22.2	63.1	6169.4	450.0	-30.7	-48.1	261.1	50.2	49.6	7.8	304.6	305.0	0.1	16.4	28.7	86.
23.6	66.3	6573.9	425.0	-32.1	-43.0	255.3	57.6	55.7	14.6	307.8	308.5	0.2	32.8	33.1	84.
25.1	69.9	7000.0	400.0	-34.0	-42.6	254.6	64.8	62.4	17.3	310.7	311.5	0.2	41.2	38.4	83.
26.7	73.3	7450.8	375.0	-36.3	-43.4	253.6	70.7	68.7	20.0	313.5	314.2	0.2	47.5	44.9	82.
28.3	77.0	7925.2	350.0	-40.5	99.9	254.1	71.4	68.7	19.6	314.2	314.2	99.9	99.9	51.8	81.
30.1	80.7	8425.9	325.0	-44.6	99.9	251.9	73.3	69.7	22.8	315.2	315.2	99.9	99.9	60.2	80.
31.9	84.4	8956.4	300.0	-49.2	99.9	252.3	71.1	67.7	21.6	316.1	316.1	99.9	99.9	68.8	79.
33.6	88.8	9520.9	275.0	-53.8	99.9	251.5	60.1	76.0	25.3	317.3	317.3	99.9	99.9	76.5	78.
35.8	93.4	10131.4	250.0	-54.4	99.9	248.6	58.7	54.7	21.5	325.3	325.3	99.9	99.9	83.8	77.
38.1	98.0	10811.6	225.0	-52.2	99.9	249.8	68.3	64.0	23.6	338.5	338.5	99.9	99.9	94.6	77.
40.7	103.2	11571.1	200.0	-54.8	99.9	244.6	62.4	47.3	22.5	346.0	346.0	99.9	99.9	103.9	75.
43.3	108.8	12423.8	175.0	-55.3	99.9	254.0	65.8	63.2	18.1	356.7	356.7	99.9	99.9	111.6	75.
46.9	115.0	13409.6	150.0	-54.4	99.9	245.4	55.9	50.8	23.1	376.3	376.3	99.9	99.9	125.3	75.
50.2	121.7	14562.6	125.0	-59.2	99.9	249.4	52.2	48.8	18.4	387.9	387.9	99.9	99.9	136.2	74.
54.9	129.3	15977.9	100.0	-57.7	99.9	253.2	47.0	45.0	13.6	416.3	416.3	99.9	99.9	148.2	74.
60.1	137.3	17783.9	75.0	-61.2	99.9	256.2	14.2	13.8	3.4	444.6	444.6	99.9	99.9	155.7	73.
67.1	145.7	20288.7	50.0	-63.4	99.9	225.4	7.3	5.2	5.1	494.0	494.0	99.9	99.9	173.0	73.
77.2	154.7	23546.5	25.0	-63.4	99.9	251.4	25.3	24.0	8.1	602.8	602.8	99.9	99.9	188.4	74.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
MUNTINGTUM, WVA6 FEBRUARY 1975  
1715 GMT

139 77. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DRW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GN/KG	RM PCT	RANGE KM	AZ DG
0.0	7.3	246.0	981.1	2.2	0.4	280.0	5.1	5.0	-0.9	277.4	287.7	4.0	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	7.6	296.5	975.0	1.7	0.1	262.4	5.6	5.5	0.7	277.4	287.6	4.0	89.2	0.1	32.
0.6	9.4	505.4	950.0	-0.1	-0.6	240.9	6.4	5.6	3.1	277.6	287.6	3.9	96.3	0.4	74.
1.4	11.4	718.6	925.0	-1.7	-2.0	244.8	5.8	5.3	2.5	278.0	287.3	3.6	97.5	0.6	68.
2.1	13.6	936.2	900.0	-3.2	-3.5	255.2	6.6	6.4	1.7	278.6	287.1	3.3	97.9	0.9	70.
3.0	15.7	1159.1	875.0	-3.5	-3.6	261.1	6.2	6.1	1.0	280.6	289.4	3.3	98.7	1.1	71.
3.7	17.9	1368.0	850.0	-4.9	-5.1	269.4	6.5	6.5	0.1	281.4	289.5	3.1	98.5	1.4	74.
4.4	20.1	1622.4	825.0	-6.2	-6.9	267.6	11.2	11.1	0.5	282.4	289.9	2.8	94.8	1.9	78.
5.2	22.5	1862.7	800.0	-7.8	-8.3	259.4	11.7	11.5	2.2	283.2	290.1	2.6	96.1	2.4	79.
5.9	24.8	2199.6	775.0	-7.7	-10.1	261.0	14.2	14.0	2.2	285.8	292.1	2.3	83.2	3.0	79.
6.7	27.1	2364.1	750.0	-9.1	-13.2	260.5	13.6	13.4	2.3	286.9	292.1	1.8	72.3	3.6	79.
7.6	29.7	2625.8	725.0	-10.9	-14.0	262.3	13.5	13.4	1.8	287.7	292.8	1.8	78.0	4.3	80.
8.4	32.3	2895.0	700.0	-12.1	-16.6	261.2	16.0	15.8	2.5	289.2	293.5	1.5	69.0	5.0	80.
9.1	34.8	3172.8	675.0	-12.9	-20.1	258.7	18.8	18.5	3.7	291.3	294.7	1.1	54.7	5.8	80.
10.1	37.4	3459.8	650.0	-14.6	-25.4	254.7	21.0	20.3	5.5	292.5	294.8	0.7	39.4	6.9	80.
10.9	40.1	3756.1	625.0	-16.0	-29.7	251.3	23.0	21.8	7.4	294.1	295.7	0.5	29.6	8.0	79.
11.9	42.9	4042.3	600.0	-18.2	-36.8	250.3	24.2	22.8	8.2	295.1	296.0	0.3	17.6	9.3	77.
12.8	46.0	4378.5	575.0	-20.8	-45.6	252.0	23.6	22.4	7.3	293.6	295.9	0.1	8.6	10.7	77.
13.6	49.0	4706.1	550.0	-22.2	-41.4	248.9	23.1	21.5	6.3	297.8	298.4	0.2	15.5	12.1	76.
14.9	52.0	5046.8	525.0	-24.6	-38.8	245.0	24.7	22.4	10.5	298.9	299.7	0.2	25.1	13.6	75.
15.9	55.1	5400.4	500.0	-26.9	-37.8	247.7	26.2	24.2	9.9	300.3	301.2	0.3	34.7	15.2	74.
17.0	58.4	5767.7	475.0	-30.5	-45.1	249.4	25.9	24.2	9.1	308.2	300.7	0.1	22.3	16.9	73.
18.2	61.9	6149.5	450.0	-33.5	-44.6	247.4	28.2	26.0	10.8	301.1	301.6	0.2	31.6	18.6	73.
19.2	65.4	6548.0	425.0	-36.8	-44.4	248.6	32.2	29.9	11.8	301.8	302.4	0.2	44.6	20.7	72.
20.4	69.1	6964.3	400.0	-40.3	99.9	249.7	37.4	35.1	13.0	302.7	999.9	99.9	99.9	23.1	72.
21.7	73.0	7491.9	375.0	-42.8	99.9	244.4	46.2	41.7	20.0	303.9	999.9	99.9	99.9	26.2	72.
23.0	77.2	7865.3	350.0	-44.7	99.9	242.5	62.0	55.0	28.6	308.5	999.9	99.9	99.9	30.3	70.
24.5	81.4	8359.7	325.0	-46.4	99.9	241.6	72.8	64.0	34.6	312.7	999.9	99.9	99.9	36.7	69.
26.0	85.8	8886.1	300.0	-50.6	99.9	241.5	77.5	68.1	37.0	316.1	999.9	99.9	99.9	43.4	68.
27.6	90.8	9430.0	275.0	-52.6	99.9	241.9	80.6	60.5	32.3	319.1	999.9	99.9	99.9	50.4	67.
29.2	95.8	10055.6	250.0	-52.0	99.9	243.9	56.1	51.2	22.9	328.7	999.9	99.9	99.9	54.4	67.
31.5	101.3	10747.1	225.0	-52.4	99.9	246.5	59.0	54.1	23.4	336.2	999.9	99.9	99.9	63.6	67.
33.5	107.5	11510.5	200.0	-52.3	99.9	246.9	48.9	45.0	19.2	349.9	999.9	99.9	99.9	70.3	67.
36.1	114.0	12378.8	175.0	-53.4	99.9	245.3	48.0	43.6	20.1	361.7	999.9	99.9	99.9	77.8	66.
38.9	121.3	13362.0	150.0	-55.0	99.9	240.5	50.8	44.2	25.0	375.3	999.9	99.9	99.9	85.5	66.
42.2	129.3	14528.2	125.0	-56.1	99.9	240.7	42.6	37.1	20.8	393.4	999.9	99.9	99.9	94.5	66.
46.0	137.7	15948.9	100.0	-55.7	99.9	249.3	61.5	38.9	14.7	420.2	999.9	99.9	99.9	104.3	66.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	7.5	298.0	975.1	0.0	-2.2	280.0	4.1	4.0	-0.7	275.6	234.1	3.3	85.0	0.0	0.
00.9	90.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	7.5	298.0	975.0	-0.0	-2.2	278.7	4.3	4.2	-0.6	275.5	284.1	3.3	85.1	0.0	1.
0.0	9.8	505.9	950.0	-2.8	-3.3	262.9	9.7	9.6	1.2	274.8	282.9	3.2	96.2	0.4	74.
1.6	11.7	216.9	925.0	-4.2	-4.3	269.0	7.7	7.7	0.1	275.4	283.1	3.0	99.4	0.7	80.
2.3	13.6	932.4	900.0	-5.6	-5.7	275.5	9.0	9.0	-0.9	276.1	283.4	2.8	99.2	1.0	86.
3.1	15.8	1153.1	875.0	-7.1	-7.2	285.6	9.2	8.9	-2.5	276.7	283.4	2.5	99.2	1.5	89.
3.9	18.0	1378.5	850.0	-8.6	-9.0	295.0	8.3	7.6	-3.5	277.4	283.4	2.3	96.6	1.9	94.
4.6	20.2	1610.3	825.0	-8.6	-9.1	288.0	8.5	8.1	-2.6	274.8	286.0	2.3	96.6	2.3	98.
5.6	22.4	1859.2	800.0	-8.3	-9.4	278.5	10.4	10.3	-1.7	282.6	289.3	2.3	96.1	2.7	98.
6.3	24.6	2095.4	775.0	-9.6	-10.1	275.4	10.1	10.0	-0.9	283.8	290.1	2.3	96.0	3.2	98.
7.3	26.7	2388.2	750.0	-10.9	-11.3	269.8	10.2	10.2	0.0	285.0	290.9	2.1	96.8	3.7	98.
8.2	29.2	2608.3	725.0	-12.2	-13.4	268.2	11.5	11.5	0.4	286.3	291.5	1.9	91.2	4.4	98.
9.2	31.7	2876.0	700.0	-13.6	-15.1	261.3	11.0	10.9	1.3	287.6	292.3	1.7	88.4	5.0	95.
10.2	34.3	3131.6	675.0	-15.5	-19.1	261.4	10.6	10.4	1.6	288.4	292.0	1.2	73.7	5.7	93.
11.1	36.7	3435.6	650.0	-17.4	-19.3	256.9	10.0	9.7	2.3	289.4	293.2	1.3	85.1	6.2	92.
12.2	39.4	3728.5	625.0	-19.2	-24.0	249.7	13.1	12.3	4.4	290.6	293.2	0.9	65.5	6.6	90.
13.2	42.0	4031.9	600.0	-19.5	-37.2	251.5	15.1	14.3	4.8	293.5	294.4	0.3	18.9	7.7	90.
14.6	44.8	4367.4	575.0	-21.0	-39.7	256.0	14.6	14.0	4.0	295.4	296.1	0.2	17.9	8.8	88.
15.6	47.6	4674.4	550.0	-23.1	-40.2	251.5	14.8	14.0	4.7	296.7	297.4	0.2	19.2	9.8	85.
16.7	50.6	5013.4	525.0	-25.8	-39.0	249.6	14.4	13.5	5.0	297.4	298.1	0.2	25.0	10.7	83.
17.9	53.6	5368.8	500.0	-28.7	-43.3	249.9	16.1	15.1	5.5	298.0	298.5	0.2	22.8	11.8	82.
19.2	56.7	5729.6	475.0	-32.0	-45.6	247.5	17.4	16.1	6.6	298.3	298.8	0.1	24.2	13.0	81.
20.3	60.0	6108.9	450.0	-35.1	-47.5	244.4	16.7	15.1	7.2	299.0	299.4	0.1	24.7	14.2	80.
21.7	63.4	6504.3	425.0	-38.9	-48.6	246.7	17.0	15.6	6.7	299.2	299.5	0.1	34.7	15.5	78.
23.0	66.9	6914.8	400.0	-42.8	-49.9	245.4	18.3	16.4	7.6	299.3	299.9	99.9	999.9	16.9	77.
24.6	70.5	7368.7	375.0	-46.8	-49.9	238.8	19.8	16.9	10.2	299.7	299.9	99.9	999.9	18.4	76.
25.9	74.3	7801.7	350.0	-51.2	-49.9	242.6	19.7	17.1	9.7	299.7	299.9	99.9	999.9	20.2	75.
27.4	78.3	8278.8	325.0	-54.4	-49.9	242.2	19.9	17.6	9.3	301.4	299.9	99.9	999.9	21.9	74.
29.1	82.5	8791.6	300.0	-53.4	-49.9	241.5	30.0	26.3	14.3	310.1	299.9	99.9	999.9	24.2	72.
31.0	86.8	9351.9	275.0	-52.9	-49.9	243.0	30.3	34.1	17.4	318.6	299.9	99.9	999.9	28.5	71.
33.2	91.6	9909.1	250.0	-52.1	-49.9	246.3	39.7	36.3	16.0	328.7	299.9	99.9	999.9	33.0	70.
35.3	96.8	10632.7	225.0	-52.3	-49.9	243.9	38.2	34.3	16.8	338.4	299.9	99.9	999.9	38.1	69.
37.7	102.0	11413.4	200.0	-51.9	-49.9	244.6	35.4	31.9	15.2	350.6	299.9	99.9	999.9	44.1	68.
40.0	108.3	12273.2	175.0	-52.3	-49.9	247.2	34.3	31.6	13.3	363.6	299.9	99.9	999.9	50.2	68.
43.0	114.7	13267.2	150.0	-55.4	-49.9	245.9	31.4	28.6	12.8	374.6	299.9	99.9	999.9	57.1	68.
47.7	121.7	14339.6	125.0	-53.3	-49.9	245.0	29.4	26.6	12.4	398.6	299.9	99.9	999.9	64.8	68.
52.5	129.7	15065.3	100.0	-55.5	-49.9	244.7	30.4	27.5	13.0	420.5	299.9	99.9	999.9	74.2	68.
58.6	138.0	17493.7	75.0	-58.2	-49.9	259.6	35.0	35.2	6.4	451.0	299.9	99.9	999.9	87.0	68.
64.3	146.0	20231.1	50.0	-60.9	-49.9	246.7	14.3	13.1	5.6	498.9	299.9	99.9	999.9	98.7	68.
77.1	154.5	24520.4	25.0	-62.0	-49.9	256.9	31.6	30.5	8.3	607.1	299.9	99.9	999.9	117.0	70.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 437  
SALFORD, ILL.6 FEBRUARY 1975  
1800 GMT

TIME MIN	CNCT	HE 24T GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	MR WTD GM/KG	PH PCY	RANGE KM	AZ DG
0.0	5.9	175.0	997.1	-6.4	-11.5	310.0	8.0	6.7	-5.7	267.2	271.3	1.6	67.0	0.0	0.
0.6	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.7	349.6	975.0	-9.0	-12.8	292.6	10.3	9.5	-3.9	266.3	270.1	1.5	73.4	0.4	111.
1.3	10.0	549.9	950.0	-11.2	-12.6	294.3	8.7	7.9	-3.6	264.0	269.9	1.5	89.4	0.8	112.
2.0	12.1	754.0	925.0	-13.1	-13.3	297.5	8.6	7.6	-4.0	266.1	269.9	1.5	98.4	1.1	113.
2.8	14.5	943.0	900.0	-11.6	-11.7	324.1	10.7	6.3	-8.6	269.8	274.4	1.7	98.6	1.6	119.
3.6	16.7	1100.7	875.0	-9.1	-9.2	322.1	10.1	6.2	-8.0	274.6	280.4	2.2	99.0	2.0	125.
4.3	19.1	1405.0	850.0	-9.7	-9.8	315.2	10.4	7.3	-7.4	276.3	281.9	2.1	98.9	2.5	129.
5.1	21.4	1635.5	825.0	-10.1	-10.3	312.2	9.1	6.7	-6.1	278.2	283.9	2.1	97.9	2.9	129.
5.9	23.9	1872.8	800.0	-10.3	-10.8	312.2	9.7	6.6	-6.0	283.4	286.1	2.1	96.6	3.3	129.
6.6	26.3	2117.4	775.0	-10.3	-12.3	303.6	10.1	8.4	-5.6	283.0	286.3	1.9	85.0	3.8	129.
7.7	28.9	2369.5	750.0	-11.5	-16.2	299.5	10.8	9.4	-5.3	284.3	288.3	1.4	67.8	4.4	129.
8.5	31.4	2628.7	725.0	-13.5	-17.1	297.5	11.3	10.0	-5.2	284.9	288.8	1.4	73.6	4.9	127.
9.4	34.2	2894.9	700.0	-14.8	-16.1	296.2	12.9	11.3	-6.1	286.2	290.6	1.6	96.2	5.6	126.
10.4	36.7	3170.8	675.0	-16.6	-17.4	298.1	14.2	12.6	-7.7	289.4	293.6	1.4	78.9	6.4	125.
11.4	39.6	3456.0	650.0	-18.2	-21.0	299.5	15.9	13.8	-7.8	290.8	293.6	1.0	61.5	7.3	124.
12.3	42.2	3752.5	625.0	-17.8	-24.2	296.4	16.4	14.7	-7.3	292.1	294.7	0.9	57.3	8.1	123.
13.2	45.0	4054.5	600.0	-20.2	-25.3	293.0	16.9	15.5	-6.6	292.8	295.2	0.8	63.3	9.1	123.
14.2	48.1	4368.6	575.0	-22.5	-27.4	288.7	16.1	15.2	-5.2	293.7	295.0	0.7	62.4	10.1	121.
15.3	50.9	4633.4	550.0	-25.2	-30.6	283.6	16.0	15.5	-3.8	294.3	295.9	0.5	58.9	11.0	120.
16.4	54.1	5029.3	525.0	-28.0	-33.4	280.3	16.1	15.8	-2.9	294.6	296.1	0.4	58.8	12.0	119.
17.6	57.1	5377.7	500.0	-31.0	-36.2	280.0	17.3	17.1	-3.0	295.2	296.3	0.3	58.3	13.2	117.
18.9	60.5	5739.4	475.0	-34.0	-39.7	281.9	15.9	15.5	-3.3	295.8	296.6	0.2	55.2	14.5	115.
20.2	63.9	6115.6	450.0	-37.2	-42.8	279.4	15.3	14.0	-2.5	296.4	297.1	0.2	55.1	15.6	114.
21.5	67.1	6507.7	425.0	-40.5	-45.9	276.0	15.3	13.3	-1.6	297.1	297.9	0.9	99.9	16.8	113.
22.9	70.8	6917.4	400.0	-44.3	-49.9	273.7	15.2	15.2	-1.0	297.4	297.9	99.9	99.9	17.9	112.
24.3	74.5	7366.8	375.0	-47.6	-53.4	267.1	18.4	18.6	0.9	298.7	297.9	99.9	99.9	19.2	110.
25.8	78.5	7798.8	350.0	-51.4	-57.0	268.5	19.2	19.2	0.5	299.5	299.9	99.9	99.9	21.0	108.
27.4	82.3	8276.4	325.0	-54.6	-60.9	26.5	18.0	17.9	2.0	301.4	299.9	99.9	99.9	22.7	107.
29.2	86.6	8799.0	300.0	-58.2	-64.9	25.6	21.0	20.5	4.5	310.4	299.9	99.9	99.9	24.4	105.
31.3	91.2	9353.5	275.0	-62.2	-68.9	251.9	25.3	24.0	7.9	322.4	299.9	99.9	99.9	26.9	102.
33.2	95.7	9975.7	250.0	-65.4	-72.9	254.8	28.8	27.8	7.5	331.2	299.9	99.9	99.9	29.9	98.
35.6	100.5	10604.8	225.0	-69.7	-76.9	254.3	32.3	31.1	6.7	342.3	299.9	99.9	99.9	33.5	96.
38.0	104.0	11433.9	200.0	-73.5	-80.9	254.9	33.2	32.0	6.3	352.7	299.9	99.9	99.9	38.0	93.
41.1	111.8	12302.0	175.0	-82.2	-89.9	258.7	32.0	31.4	6.3	363.7	299.9	99.9	99.9	43.5	91.
44.4	118.6	13274.4	150.0	-93.0	-99.0	259.0	29.2	28.6	5.6	378.9	299.9	99.9	99.9	49.2	90.
48.3	125.0	14409.1	125.0	-95.0	-99.9	254.0	29.0	28.4	6.2	394.0	299.9	99.9	99.9	55.5	88.
52.0	132.7	15807.1	100.0	-94.0	-99.9	256.7	29.1	28.4	6.7	421.9	299.9	99.9	99.9	64.4	87.
56.1	140.7	17238.2	75.0	-95.9	-99.9	252.4	22.9	21.5	6.8	435.8	299.9	99.9	99.9	74.6	86.
60.7	149.6	20295.7	50.0	-98.1	-99.9	267.7	25.6	25.4	5.4	501.9	299.9	99.9	99.9	85.1	85.
77.6	157.7	24000.2	25.0	-99.0	-99.9	297.7	29.1	26.5	3.4	618.1	299.9	99.9	99.9	99.1	85.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN6 FEBRUARY 1975  
1758 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	11.3	791.0	933.5	-10.0	-18.2	330.0	6.7	3.4	-5.8	268.5	271.1	1.0	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.1	861.5	925.0	-10.5	-18.7	326.5	9.8	5.4	-8.2	268.7	271.2	0.9	50.7	0.2	154.
1.0	14.4	1071.5	900.0	-12.8	-19.7	327.0	9.9	5.4	-8.3	268.4	270.8	0.9	56.4	0.5	150.
1.9	16.5	1286.2	875.0	-12.3	-21.6	337.6	14.2	5.4	-13.1	271.1	273.2	0.8	45.6	1.1	152.
2.6	18.8	1509.1	850.0	-8.9	-22.2	330.3	18.6	9.3	-16.3	276.9	279.1	0.8	33.2	1.9	153.
3.3	21.0	1740.4	825.0	-8.0	-27.3	332.6	22.9	10.6	-20.4	280.2	281.7	0.5	19.4	2.7	152.
4.2	23.6	1979.0	800.0	-9.1	-19.7	329.9	21.4	10.7	-18.5	281.5	284.4	1.0	42.0	3.9	152.
5.0	25.8	2224.4	775.0	-10.1	-21.6	326.3	24.6	13.7	-20.5	283.0	285.5	0.9	38.3	5.1	151.
6.0	28.4	2476.0	750.0	-12.0	-34.9	325.3	22.3	12.7	-18.3	283.6	284.7	0.4	17.7	6.4	150.
7.0	30.9	2735.5	725.0	-11.5	-56.6	335.6	24.1	10.0	-22.0	286.9	287.0	0.0	1.1	7.7	150.
7.9	33.6	3003.7	700.0	-13.0	-41.4	331.4	22.5	10.8	-19.8	288.1	288.5	0.1	7.2	9.0	151.
8.8	36.1	3280.0	675.0	-14.2	-35.2	330.6	19.5	9.6	-17.0	289.8	290.7	0.3	14.9	10.2	150.
9.9	38.9	3565.2	650.0	-16.1	-32.9	331.1	19.8	9.6	-17.4	290.8	291.9	0.4	21.9	11.4	151.
10.9	41.4	3859.4	625.0	-18.2	-30.8	329.9	20.9	10.5	-18.1	291.7	293.1	0.5	31.9	12.7	151.
12.0	44.3	4163.3	600.0	-19.8	-31.2	324.9	22.4	12.9	-18.3	293.2	294.7	0.5	35.4	14.1	150.
13.1	47.2	4478.2	575.0	-21.6	-32.5	325.4	20.5	11.7	-16.9	294.7	296.0	0.4	36.6	15.5	150.
14.2	50.2	4804.5	550.0	-23.5	-34.7	329.5	20.1	10.2	-17.3	296.2	297.4	0.4	34.7	16.9	150.
15.3	53.0	5143.0	525.0	-26.0	-38.3	328.5	21.0	11.0	-17.9	297.2	298.0	0.3	30.1	18.2	150.
16.4	56.0	5493.9	500.0	-29.0	-41.0	325.5	21.7	12.3	-17.9	297.6	298.3	0.2	30.1	19.7	149.
17.7	59.3	5858.6	475.0	-32.1	-43.7	324.2	23.8	14.0	-19.3	298.2	298.8	0.2	30.1	21.3	149.
19.0	62.6	6238.4	450.0	-34.2	-45.6	324.4	22.6	13.2	-18.4	300.2	300.7	0.1	30.1	23.2	149.
20.4	65.8	6636.9	425.0	-35.2	-47.8	324.8	24.0	13.9	-19.6	302.6	303.0	0.1	28.8	25.2	148.
21.8	69.3	7054.6	400.0	-39.2	-51.1	331.1	21.4	10.3	-18.7	304.0	304.3	0.1	26.6	27.1	148.
23.2	72.6	7494.2	375.0	-41.8	-54.9	331.2	25.4	12.2	-22.3	306.3	306.9	99.9	99.9	28.9	148.
24.7	76.5	7959.5	350.0	-44.5	-59.9	334.0	23.4	10.3	-21.0	308.8	309.9	99.9	99.9	31.2	149.
26.3	80.5	8453.1	325.0	-47.3	-64.3	330.5	25.5	12.6	-22.2	311.5	311.5	99.9	99.9	33.6	149.
28.1	84.7	8978.3	300.0	-50.7	-69.9	324.5	29.5	17.1	-24.0	314.0	314.0	99.9	99.9	36.5	149.
30.0	88.8	9492.6	275.0	-51.8	-74.8	319.7	33.4	21.6	-25.5	320.2	320.2	99.9	99.9	40.2	148.
32.0	93.4	10160.3	250.0	-53.2	-79.9	299.9	34.9	31.4	-15.2	326.9	326.9	99.9	99.9	43.7	146.
34.3	98.2	10832.3	225.0	-56.1	-84.9	302.4	34.9	27.5	-18.7	332.5	332.5	99.9	99.9	48.1	144.
37.0	103.2	11591.0	200.0	-53.0	-89.9	300.1	37.6	32.6	-18.9	346.9	346.9	99.9	99.9	53.7	141.
39.6	108.8	12452.1	175.0	-53.6	-94.9	299.6	38.7	33.6	-19.1	361.4	361.4	99.9	99.9	59.6	139.
42.8	114.8	13438.9	150.0	-55.6	-99.9	300.1	35.9	31.1	-18.0	374.3	374.3	99.9	99.9	65.8	137.
46.5	121.5	14595.2	125.0	-57.3	-99.9	298.3	35.1	30.9	-16.7	391.2	391.2	99.9	99.9	74.6	135.
51.1	128.7	16009.4	100.0	-57.1	-99.9	294.0	26.3	24.0	-10.7	417.5	417.5	99.9	99.9	82.2	133.
56.9	136.7	17809.9	75.0	-61.5	-99.9	284.3	21.1	20.4	-5.2	443.9	443.9	99.9	99.9	88.2	131.
64.3	144.5	20342.9	50.0	-58.3	-99.9	269.5	18.7	17.6	-6.2	506.3	506.3	99.9	99.9	96.7	129.
75.0	152.7	24636.0	25.0	-62.5	-99.9	272.9	14.9	14.9	-0.8	605.4	605.4	99.9	99.9	107.3	127.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN6 FEBRUARY 1975  
1815 GMT

161 15. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	268.0	994.5	-10.0	-13.5	310.0	7.7	5.9	-4.9	263.7	266.7	1.1	64.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.8	419.9	975.0	-12.3	-19.6	307.2	7.7	6.1	-4.7	262.8	265.0	0.8	54.3	0.3	143.0
1.4	10.0	617.7	950.0	-14.3	-20.8	308.0	7.2	5.7	-4.4	262.8	265.0	0.8	57.6	0.7	135.0
2.3	12.0	819.6	925.0	-15.0	-22.1	341.0	9.2	3.0	-0.7	264.1	266.0	0.7	54.6	1.1	138.0
3.1	14.4	1027.2	900.0	-14.9	-25.0	344.7	10.2	2.7	-0.8	266.3	267.6	0.6	41.5	1.5	147.0
3.9	16.4	1240.0	875.0	-15.7	-25.4	339.1	10.6	3.8	-0.9	267.5	269.0	0.5	43.1	2.9	151.0
4.7	18.7	1450.1	850.0	-13.8	-19.8	320.8	13.1	8.3	-10.1	271.9	274.7	1.0	65.9	2.5	151.0
5.6	20.9	1686.3	825.0	-13.3	-16.0	318.6	14.2	9.4	-10.7	274.7	278.3	1.3	60.5	3.3	148.0
6.6	23.3	1921.6	800.0	-11.8	-15.2	313.3	12.6	9.2	-8.6	278.8	282.8	1.5	75.7	4.0	145.0
7.7	25.7	2165.1	775.0	-11.8	-15.1	316.6	15.6	10.7	-11.3	281.3	285.2	1.4	70.1	5.0	144.0
8.8	28.1	2416.1	750.0	-12.0	-16.2	315.9	15.5	10.8	-11.1	283.7	287.8	1.4	70.7	6.0	142.0
9.8	30.7	2675.0	725.0	-13.2	-17.5	311.0	14.5	10.9	-9.5	285.1	288.9	1.3	70.3	7.0	141.0
10.9	33.3	2942.0	700.0	-14.0	-20.1	304.9	15.0	12.3	-8.6	287.1	290.3	1.1	60.0	7.8	140.0
12.1	35.9	3217.1	675.0	-16.0	-21.4	300.5	14.8	12.8	-7.5	287.8	290.8	1.0	63.0	8.9	138.0
13.2	38.6	3500.6	650.0	-17.6	-23.4	295.0	13.8	12.4	-6.0	289.1	291.8	0.9	60.4	9.8	136.0
14.4	41.3	3793.4	625.0	-17.0	-25.1	295.9	14.1	12.6	-6.1	290.8	292.6	0.6	44.3	10.7	134.0
15.6	44.1	4096.1	600.0	-21.1	-31.7	290.7	15.6	14.6	-5.5	291.8	293.1	0.4	37.6	11.8	132.0
16.9	47.1	4408.9	575.0	-23.6	-33.0	289.5	16.3	15.3	-5.4	292.3	293.6	0.4	41.5	12.8	130.0
18.1	50.2	4732.2	550.0	-26.3	-36.4	289.5	18.4	17.3	-6.1	292.8	293.8	0.3	37.7	14.1	128.0
19.7	53.1	5066.9	525.0	-28.7	-40.8	289.9	18.1	17.0	-6.2	293.9	294.6	0.2	29.9	15.6	126.0
21.0	56.1	5418.3	500.0	-31.2	-46.5	290.3	19.8	18.6	-6.9	295.0	295.4	0.1	20.2	17.1	125.0
22.8	59.6	5775.7	475.0	-34.1	-49.8	297.3	21.2	18.9	-9.7	295.8	296.1	0.1	18.4	19.0	124.0
24.1	63.0	6152.4	450.0	-36.2	-52.6	308.8	20.0	15.6	-12.6	297.7	298.0	0.1	16.3	21.0	123.0
25.9	66.4	6547.4	425.0	-38.6	-48.9	317.6	19.8	13.4	-14.6	299.5	299.9	0.1	32.2	22.9	125.0
27.6	70.2	6960.7	400.0	-42.0	99.9	322.4	20.7	12.6	-14.4	300.4	300.9	99.9	99.9	25.0	126.0
29.3	74.0	7394.9	375.0	-44.3	99.9	325.6	22.9	12.9	-18.9	303.0	303.9	99.9	99.9	27.1	127.0
31.1	78.0	7855.0	350.0	-47.3	99.9	331.2	25.4	12.3	-22.3	304.9	304.9	99.9	99.9	29.5	129.0
33.1	82.2	8341.7	325.0	-50.5	99.9	328.1	24.1	12.7	-20.4	307.0	307.0	99.9	99.9	32.3	131.0
35.3	86.4	8860.8	300.0	-51.8	99.9	324.6	28.8	16.7	-23.5	312.3	309.9	99.9	99.9	36.0	133.0
37.5	91.2	9422.6	275.0	-54.4	99.9	313.4	28.4	20.7	-19.5	316.4	309.9	99.9	99.9	39.7	133.0
39.9	96.2	10033.9	250.0	-54.2	99.9	308.6	21.9	17.1	-13.6	325.5	309.9	99.9	99.9	43.3	133.0
42.3	101.3	10706.0	225.0	-54.8	99.9	291.7	30.5	28.3	-11.3	334.6	309.9	99.9	99.9	46.7	132.0
45.3	107.0	11464.1	200.0	-52.2	99.9	296.0	40.1	36.0	-17.5	350.1	309.9	99.9	99.9	51.8	130.0
48.5	113.3	12336.0	175.0	-51.3	99.9	289.8	25.8	24.3	-18.7	365.3	309.9	99.9	99.9	58.4	128.0
52.1	120.0	13334.6	150.0	-52.0	99.9	292.2	32.9	30.5	-14.4	380.4	309.9	99.9	99.9	63.2	126.0
56.4	127.3	14510.2	125.0	-54.8	99.9	281.2	24.8	24.3	-4.8	395.9	309.9	99.9	99.9	70.9	125.0
61.6	135.7	15929.4	100.0	-55.3	99.9	290.1	23.1	21.7	-7.9	420.9	309.9	99.9	99.9	78.6	123.0
67.9	144.0	17762.2	75.0	-57.8	99.9	275.1	19.8	19.7	-1.8	451.8	309.9	99.9	99.9	86.7	120.0
75.8	152.7	20304.7	50.0	-58.8	99.9	280.1	21.3	21.0	-3.7	505.1	309.9	99.9	99.9	95.7	119.0
88.7	162.3	24595.5	25.0	-61.1	99.9	276.8	19.2	19.0	-2.2	609.5	309.9	99.9	99.9	110.4	117.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 °° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 480  
FORT TUTTEN, N Y6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCT	HT LGTH GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SFC	U COMP M/SFC	V COMP M/SFC	PUT Y DG K	E POT Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	4.0	1002.2	3.7	-2.3	930.3	99.9	99.9	99.9	277.1	285.5	3.2	65.0	999.9	999.
0.0	5.5	25.9	1000.0	3.0	-2.3	939.9	99.9	99.9	99.9	277.2	285.6	3.2	65.4	999.9	999.
0.6	7.5	231.1	975.0	1.9	0.1	939.9	99.9	99.9	99.9	277.6	287.7	4.0	87.9	999.9	999.
1.4	9.6	450.2	950.0	0.5	-0.1	939.9	99.9	99.9	99.9	278.2	288.5	4.0	96.2	999.9	999.
2.1	11.0	634.5	925.0	0.4	-0.1	939.9	99.9	99.9	99.9	280.3	291.0	4.1	96.5	999.9	999.
2.9	13.9	874.1	900.0	-0.8	-1.4	939.9	99.9	99.9	99.9	281.2	291.3	3.9	95.8	999.9	999.
3.7	15.8	1038.7	875.0	-2.1	-2.8	939.9	99.9	99.9	99.9	282.0	291.4	3.6	94.9	999.9	999.
4.5	18.5	1324.6	850.0	-3.9	-4.5	939.9	99.9	99.9	99.9	282.5	291.1	3.2	95.5	999.9	999.
5.1	20.3	1544.0	825.0	-5.4	-6.0	939.9	99.9	99.9	99.9	283.2	291.2	3.0	95.6	999.9	999.
6.3	22.5	1405.4	800.0	-6.3	-6.8	939.9	99.9	99.9	99.9	284.8	292.6	2.9	95.6	999.9	999.
7.3	24.9	2751.7	775.0	-6.4	-9.0	939.9	99.9	99.9	99.9	287.2	294.1	2.5	82.3	999.9	999.
8.2	27.0	3110.0	750.0	-6.9	-12.1	939.9	99.9	99.9	99.9	289.3	295.0	2.0	66.4	999.9	999.
9.1	29.5	2578.1	725.0	-8.6	-14.6	939.9	99.9	99.9	99.9	290.3	295.1	1.7	61.7	999.9	999.
10.1	32.1	2463.1	700.0	-10.6	-17.3	939.9	99.9	99.9	99.9	290.9	294.8	1.3	55.1	999.9	999.
11.2	34.7	1171.4	675.0	-12.8	-19.7	939.9	99.9	99.9	99.9	291.4	294.8	1.2	55.4	999.9	999.
12.3	37.2	1410.8	650.0	-14.4	-22.0	939.9	99.9	99.9	99.9	292.7	295.7	1.0	52.4	999.9	999.
13.3	40.3	3707.1	625.0	-16.4	-25.0	939.9	99.9	99.9	99.9	293.7	295.6	0.6	35.9	999.9	999.
14.3	42.3	4013.4	600.0	-18.7	-29.5	939.9	99.9	99.9	99.9	294.5	296.2	0.5	37.9	999.9	999.
15.5	45.1	4325.3	575.0	-21.7	-33.9	939.9	99.9	99.9	99.9	294.6	296.3	0.5	47.3	999.9	999.
16.7	48.3	4654.7	550.0	-24.6	-34.2	939.9	99.9	99.9	99.9	294.9	296.1	0.4	40.2	999.9	999.
17.8	51.1	4020.4	525.0	-27.5	-37.9	939.9	99.9	99.9	99.9	295.3	296.2	0.3	36.4	999.9	999.
19.1	54.1	5319.4	500.0	-30.2	-47.7	939.9	99.9	99.9	99.9	296.2	296.6	0.1	16.1	999.9	999.
20.2	57.3	5707.9	475.0	-32.5	-51.2	939.9	99.9	99.9	99.9	297.7	297.9	0.1	13.5	999.9	999.
21.6	60.7	6037.0	450.0	-34.4	-61.2	939.9	99.9	99.9	99.9	300.0	300.1	0.0	4.7	999.9	999.
23.0	64.3	6490.7	425.0	-36.8	-64.7	939.9	99.9	99.9	99.9	301.9	301.9	0.0	3.6	999.9	999.
24.4	67.6	7900.1	400.0	-37.4	-69.4	939.9	99.9	99.9	99.9	306.3	306.4	0.0	2.0	999.9	999.
26.0	71.2	7344.9	375.0	-37.1	-69.6	939.9	99.9	99.9	99.9	312.4	312.4	0.0	2.0	999.9	999.
27.4	75.2	7419.4	350.0	-39.9	-69.9	939.9	99.9	99.9	99.9	315.0	315.0	99.9	999.9	999.9	999.
29.4	79.4	4321.1	325.0	-44.2	-69.9	939.9	99.9	99.9	99.9	315.7	315.7	99.9	999.9	999.9	999.
31.3	83.0	6072.7	300.0	-46.7	-69.9	939.9	99.9	99.9	99.9	316.8	316.8	99.9	999.9	999.9	999.
33.3	86.9	9419.4	275.0	-52.1	-69.9	939.9	99.9	99.9	99.9	319.7	319.7	99.9	999.9	999.9	999.
35.6	93.0	10717.4	250.0	-50.9	-69.9	939.9	99.9	99.9	99.9	330.4	330.4	99.9	999.9	999.9	999.
37.6	98.3	17723.1	225.0	-52.9	-69.9	939.9	99.9	99.9	99.9	337.4	337.4	99.9	999.9	999.9	999.
40.3	103.5	11447.5	200.0	-53.0	-69.9	939.9	99.9	99.9	99.9	349.9	349.9	99.9	999.9	999.9	999.
43.2	109.7	12346.8	175.0	-51.9	-69.9	939.9	99.9	99.9	99.9	364.2	364.2	99.9	999.9	999.9	999.
46.5	114.3	13341.4	150.0	-54.0	-69.9	939.9	99.9	99.9	99.9	377.0	377.0	99.9	999.9	999.9	999.
50.3	121.7	14400.3	125.0	-56.3	-69.9	939.9	99.9	99.9	99.9	393.1	393.1	99.9	999.9	999.9	999.
55.5	131.7	15905.3	100.0	-58.7	-69.9	939.9	99.9	99.9	99.9	414.3	414.3	99.9	999.9	999.9	999.
59.9	99.9	59.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 518  
ALBANY, N Y6 FEBRUARY 1975  
1715 GMT

160 23. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	80.0	991.4	0.0	-2.2	180.0	3.6	0.0	3.6	274.2	282.6	3.3	85.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	7.7	213.6	975.0	-0.9	-1.3	212.4	3.3	1.8	2.8	274.6	283.4	3.4	93.0	0.1	23.
1.4	10.0	470.0	950.0	-1.0	-1.6	249.5	6.0	6.0	0.0	276.6	285.8	3.6	95.4	0.3	50.
2.2	12.1	619.5	925.0	-1.0	-2.3	275.0	9.6	9.5	-1.2	277.8	286.9	3.5	97.1	0.6	78.
3.1	14.5	857.0	900.0	-3.5	-3.9	275.1	12.1	12.0	-1.1	278.3	286.6	3.2	97.3	1.2	87.
4.2	16.6	1073.2	875.0	-5.1	-5.5	274.1	13.0	13.0	-0.9	278.8	286.5	2.9	97.1	2.0	90.
5.2	19.1	1306.8	850.0	-5.4	-6.1	263.8	12.1	12.1	1.3	280.6	284.2	2.9	96.8	2.8	90.
6.3	21.4	1540.8	825.0	-6.3	-7.1	270.2	12.9	12.9	-0.1	282.3	289.6	2.7	93.8	3.6	89.
7.2	23.9	1791.3	800.0	-7.2	-7.8	273.9	12.4	12.4	-0.8	283.8	291.0	2.6	95.0	4.3	90.
8.2	26.3	2024.3	775.0	-7.0	-7.6	268.7	15.8	15.8	0.4	286.7	294.3	2.8	94.9	5.1	90.
9.3	28.9	2218.6	750.0	-8.2	-9.1	272.6	17.5	17.5	-0.8	287.9	295.0	2.6	93.7	6.2	90.
10.3	31.0	2547.5	725.0	-9.5	-10.4	271.5	19.1	19.1	-0.5	289.4	296.0	2.4	92.5	7.3	90.
11.3	34.1	2813.1	700.0	-11.0	-12.2	271.7	19.7	19.6	-0.6	290.5	296.0	2.1	91.1	8.6	90.
12.5	36.9	3030.8	675.0	-12.2	-13.3	273.2	18.4	18.4	-1.1	292.2	298.0	2.0	91.9	9.9	91.
13.6	39.8	3344.7	650.0	-13.9	-15.5	269.8	19.4	19.4	0.1	291.4	298.5	1.8	87.6	11.2	91.
14.8	42.5	3681.9	625.0	-15.7	-17.4	265.2	20.1	20.1	1.7	294.7	299.3	1.6	86.9	12.6	90.
16.1	45.6	3959.9	600.0	-17.5	-19.5	263.9	21.2	21.1	2.3	296.0	300.1	1.4	84.0	14.1	90.
17.5	48.7	4306.4	575.0	-19.9	-22.5	263.0	19.0	18.9	2.3	296.8	300.1	1.1	80.1	15.8	89.
18.3	51.6	4633.1	550.0	-22.2	-25.6	265.5	20.1	20.0	1.6	297.8	300.5	0.9	73.7	17.4	89.
20.1	54.3	4978.2	525.0	-25.0	-28.5	265.9	18.8	18.8	1.4	298.4	300.6	0.7	72.2	18.9	88.
21.5	58.0	5177.9	500.0	-27.7	-31.8	261.5	17.6	17.6	2.6	299.2	300.9	0.5	67.6	20.5	88.
23.0	61.4	5674.5	475.0	-30.7	-34.5	256.4	17.7	17.3	4.0	300.0	301.4	0.4	58.8	22.1	87.
24.7	65.0	6075.4	450.0	-34.0	-40.8	250.1	15.9	15.7	2.7	300.5	301.3	0.2	51.0	23.7	87.
26.2	68.5	6471.3	425.0	-37.7	-44.0	250.4	13.7	13.1	3.2	300.7	301.3	0.2	50.8	25.1	86.
27.4	72.2	6888.1	400.0	-41.5	-49.9	249.7	8.4	7.8	2.9	301.1	999.9	99.9	999.9	26.1	86.
29.3	76.1	7327.4	375.0	-45.3	-53.9	255.3	5.8	5.6	1.5	301.6	999.9	99.9	999.9	26.7	85.
31.0	80.4	7773.5	350.0	-48.3	-56.9	245.2	10.5	9.5	4.4	303.6	999.9	99.9	999.9	27.3	85.
32.4	84.7	8263.6	325.0	-50.5	-59.4	247.0	20.7	19.1	8.1	307.1	999.9	99.9	999.9	28.9	84.
34.4	89.0	8787.0	300.0	-50.5	-59.9	248.1	32.3	30.0	12.1	314.2	999.9	99.9	999.9	32.0	82.
37.0	94.0	9354.6	275.0	-50.4	-59.9	247.4	39.2	36.1	15.1	322.3	999.9	99.9	999.9	36.7	80.
39.2	99.3	9477.9	250.0	-49.7	-59.9	245.0	47.5	43.1	20.1	332.1	999.9	99.9	999.9	42.4	79.
41.4	104.1	10670.7	225.0	-50.8	-59.9	244.5	54.0	48.7	23.3	340.6	999.9	99.9	999.9	49.7	78.
44.5	110.2	11412.0	200.0	-51.6	-59.9	240.6	50.2	46.1	19.9	351.0	999.9	99.9	999.9	58.5	75.
47.5	116.1	12246.9	175.0	-52.1	-59.9	250.1	44.9	42.2	15.3	364.0	999.9	99.9	999.9	67.8	74.
50.7	123.0	13218.2	150.0	-53.4	-59.9	237.2	36.5	28.4	22.4	378.2	999.9	99.9	999.9	76.0	73.
54.7	130.5	14608.4	125.0	-54.7	-59.9	239.7	48.9	42.2	24.7	396.0	999.9	99.9	999.9	87.7	71.
59.7	138.5	15948.9	100.0	-56.7	-59.9	249.1	25.0	23.4	8.9	418.1	999.9	99.9	999.9	100.9	71.
65.3	147.5	17698.5	75.0	-61.6	-59.9	250.2	22.3	21.0	7.6	443.8	999.9	99.9	999.9	111.1	70.
73.0	157.5	20210.7	50.0	-63.3	-59.9	249.3	31.8	29.1	11.0	494.4	999.9	99.9	999.9	128.7	70.
85.9	174.5	24442.8	25.0	-65.3	-59.9	999.9	99.9	99.9	99.9	597.3	999.9	99.9	999.9	999.9	999.9

\* BY DEFO MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DLS

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* P SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA6 FEBRUARY 1975  
1715 GMT

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TIME MIN	CNTCT	WRIGHT GEN	PHFS MR	TEMP UG C	DEW PT UG C	DIR D	SPED M/SLC	U CUMP M/SLC	V CUMP M/SLC	POT T DG K	E POT T NG K	MX RTU GM/KG	RM PCT	RANGE KM	AZ DG
0.2	7.2	359.0	964.5	1.0	-2.4	260.0	5.2	5.1	0.9	277.4	286.1	3.3	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.1	440.6	975.0	-0.6	-1.6	999.9	99.9	99.9	99.9	277.0	286.3	3.6	93.2	99.9	99.9
1.3	11.1	643.3	925.0	-2.2	-2.2	999.9	99.9	99.9	99.9	277.5	286.7	3.5	99.6	99.9	99.9
2.2	13.6	913.7	900.0	-3.4	-3.4	999.9	99.9	99.9	99.9	278.5	287.1	3.3	99.7	99.9	99.9
3.6	15.3	1133.3	875.0	-4.3	-4.3	250.3	10.5	10.1	2.1	279.5	289.1	3.2	99.9	1.6	7.2
4.4	18.2	1311.4	850.0	-5.9	-6.0	263.0	9.9	9.8	0.9	280.3	287.9	2.9	99.2	2.0	75.
5.3	22.3	1514.5	800.0	-8.1	-8.1	267.9	14.7	14.7	0.5	282.8	289.8	2.6	100.0	3.4	81.
6.3	25.3	2040.8	775.0	-9.5	-9.5	269.4	15.0	15.0	1.3	283.9	290.4	2.4	99.5	4.2	82.
7.2	27.9	2333.9	750.0	-10.0	-10.0	260.4	17.0	16.8	2.8	286.1	292.7	2.4	99.9	5.1	82.
8.2	30.4	2544.0	725.0	-11.2	-12.2	262.2	16.3	16.1	2.2	287.4	293.2	2.1	92.8	6.1	82.
9.1	33.3	2861.8	700.0	-12.7	-14.3	265.6	15.9	15.9	0.9	288.6	293.7	1.8	87.4	6.9	82.
10.2	35.7	3181.1	675.0	-13.8	-16.1	267.7	17.4	17.4	0.7	290.3	295.0	1.6	82.9	8.0	83.
11.1	38.4	3427.0	650.0	-15.6	-19.4	263.3	19.9	18.8	2.2	291.5	295.2	1.3	72.5	9.0	83.
12.2	41.1	3722.1	625.0	-17.2	-20.8	260.8	20.2	19.9	3.2	292.9	296.4	1.2	73.5	10.3	83.
13.3	43.0	4027.2	600.0	-18.9	-22.5	261.8	20.2	20.0	2.9	294.4	297.5	1.0	72.7	11.7	83.
14.5	47.1	4381.0	575.0	-21.1	-26.6	258.1	20.7	20.2	4.3	295.3	297.6	0.8	61.5	13.2	82.
15.8	50.2	4669.4	550.0	-24.0	-30.9	258.9	20.5	20.1	3.9	295.7	297.3	0.5	52.5	14.7	82.
17.1	53.1	5077.5	525.0	-26.3	-35.4	256.7	20.5	20.0	4.7	296.8	297.9	0.4	41.9	16.3	82.
19.4	56.4	5443.2	500.0	-29.3	-40.0	255.8	22.6	21.9	5.5	297.3	298.1	0.2	34.2	18.0	81.
19.9	55.7	5722.4	475.0	-32.2	-42.3	255.4	22.0	21.1	5.5	298.1	298.7	0.2	35.6	19.8	81.
21.1	63.3	6101.2	450.0	-35.7	-45.1	254.6	23.8	21.1	5.9	294.3	298.8	0.1	37.1	21.6	80.
22.6	66.7	6457.8	425.0	-39.3	-48.2	254.2	21.3	20.5	5.8	298.6	299.0	0.1	37.8	23.6	80.
24.1	70.4	6907.9	400.0	-43.1	-51.9	254.6	22.5	21.7	6.0	299.0	299.9	99.9	99.9	25.5	79.
25.6	74.2	7313.2	375.0	-46.6	-54.9	254.6	21.3	20.5	5.7	299.9	299.9	99.9	99.9	27.5	79.
27.2	78.3	7793.5	350.0	-50.3	-59.9	251.8	21.8	20.7	6.8	301.0	299.9	99.9	99.9	29.5	79.
28.9	82.3	8270.5	325.0	-50.6	-59.9	249.7	24.9	28.1	10.4	306.9	299.9	99.9	99.9	32.2	78.
30.5	86.8	8794.6	300.0	-50.3	-59.9	248.8	40.3	37.6	14.6	314.5	299.9	99.9	99.9	35.8	77.
32.5	91.7	9364.4	275.0	-51.5	-59.9	249.3	43.9	41.0	15.5	320.6	299.9	99.9	99.9	40.6	76.
34.5	96.5	9961.9	250.0	-52.1	-59.9	244.6	46.6	43.6	16.3	328.6	299.9	99.9	99.9	45.9	75.
36.6	102.3	10661.9	225.0	-53.0	-59.9	240.4	47.7	40.6	16.1	337.3	299.9	99.9	99.9	51.9	75.
39.0	108.0	11424.4	200.0	-52.6	-59.9	250.2	43.4	40.9	14.7	349.8	299.9	99.9	99.9	58.2	74.
41.4	114.1	12266.9	175.0	-53.3	-59.9	244.4	41.8	39.5	18.9	362.0	299.9	99.9	99.9	64.4	73.
44.4	121.3	13271.5	150.0	-55.4	-59.9	244.0	45.8	40.4	20.0	373.9	299.9	99.9	99.9	72.1	73.
47.7	129.0	14314.4	125.0	-56.7	-59.9	239.5	42.4	42.4	25.0	395.9	299.9	99.9	99.9	81.1	71.
51.0	137.3	15842.5	100.0	-55.3	-59.9	253.1	36.7	35.1	10.7	420.9	299.9	99.9	99.9	90.5	71.
52.5	146.0	17686.8	75.0	-56.5	-59.9	248.8	31.8	29.6	11.5	454.5	299.9	99.9	99.9	101.7	72.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE  
 OF POOR QUALITY

STATION NO. 528  
HUFFALO, N Y

6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES WH	TEMP DG C	DEW PT DG C	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	218.0	979.0	-0.6	-2.4	260.0	4.5	0.8	274.6	282.8	3.2	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	6.5	250.0	975.0	-1.2	-3.8	258.4	4.2	0.9	274.3	281.9	3.0	82.5	0.1	16.
0.8	6.7	400.0	970.0	-3.9	-6.1	257.1	4.2	0.9	273.6	280.8	2.8	93.2	0.2	86.
1.6	10.5	666.9	925.0	-5.6	-8.1	261.0	7.1	1.1	273.9	280.7	2.6	96.1	0.5	82.
2.5	12.5	941.4	900.0	-6.9	-9.6	262.7	9.0	0.2	274.7	281.1	2.4	95.7	0.9	83.
3.3	14.5	1100.0	875.0	-8.1	-10.6	262.7	11.1	1.4	275.6	281.6	2.1	96.2	1.4	85.
4.1	16.5	1326.0	850.0	-8.7	-11.2	262.7	12.1	1.9	276.3	283.3	2.2	96.1	2.0	83.
5.1	18.7	1557.3	825.0	-9.4	-11.8	266.9	12.8	0.7	279.0	284.9	2.2	96.4	2.7	83.
5.9	20.8	1795.2	800.0	-9.6	-12.0	270.9	11.4	-0.2	281.2	287.3	2.2	96.7	3.3	85.
6.8	23.0	2032.4	775.0	-10.0	-12.5	269.6	12.9	0.1	283.3	289.4	2.2	96.2	3.9	85.
7.8	25.3	2273.2	750.0	-11.0	-13.4	261.4	11.5	1.7	284.9	290.8	2.1	96.7	4.6	86.
8.7	27.5	2513.7	725.0	-11.1	-14.1	258.1	11.4	2.4	287.5	293.4	2.1	97.9	5.3	86.
9.7	30.0	2772.7	700.0	-12.6	-16.1	250.7	13.0	2.6	288.8	294.0	1.8	88.2	6.0	86.
10.9	32.4	3100.1	675.0	-13.7	-16.1	257.1	15.8	3.4	290.5	295.1	1.6	82.1	6.9	83.
11.9	35.0	3445.6	650.0	-16.2	-19.2	259.7	15.3	2.8	290.8	294.6	1.3	77.6	8.0	82.
13.0	37.1	3800.1	625.0	-18.3	-20.5	262.3	14.3	1.8	291.6	295.1	1.2	83.1	9.0	82.
14.1	40.0	3983.5	600.0	-20.8	-22.1	259.6	15.9	2.9	292.2	295.4	1.1	69.2	9.9	82.
15.2	42.4	4247.6	575.0	-22.2	-24.0	254.1	17.5	5.0	294.1	295.8	0.9	60.3	11.1	82.
16.5	45.1	4623.0	550.0	-24.6	-26.3	253.1	17.5	5.1	294.9	297.0	0.7	70.9	12.5	81.
17.8	48.1	4959.9	525.0	-27.3	-31.4	251.7	16.3	5.1	295.7	297.3	0.5	67.4	13.7	80.
19.1	50.4	5199.6	500.0	-30.0	-34.8	252.2	17.1	5.2	296.5	297.9	0.4	68.9	15.0	79.
20.4	53.1	5472.4	475.0	-33.1	-37.0	250.9	17.7	6.2	297.0	298.1	0.3	67.5	16.4	79.
21.7	56.3	6050.1	450.0	-36.4	-41.5	248.2	18.7	7.5	297.5	298.2	0.2	58.7	18.0	78.
23.1	60.3	6483.9	425.0	-39.5	-44.9	243.1	17.5	8.8	298.4	299.9	99.9	99.9	19.8	77.
24.4	63.5	6955.8	400.0	-43.1	-48.9	240.1	17.7	10.2	299.0	299.9	99.9	99.9	21.5	75.
26.4	66.7	7246.7	375.0	-47.3	-52.9	237.2	19.1	10.3	299.0	299.9	99.9	99.9	23.3	74.
28.2	70.4	7739.0	350.0	-51.3	-56.9	243.4	18.0	8.0	299.5	299.9	99.9	99.9	25.4	73.
30.2	74.2	8115.9	325.0	-55.1	-60.9	251.7	17.7	5.4	300.7	299.9	99.9	99.9	27.5	72.
32.1	78.3	8726.6	300.0	-58.6	-64.9	248.8	17.0	5.6	301.1	299.9	99.9	99.9	29.4	73.
34.1	82.4	9200.1	275.0	-62.1	-68.9	248.8	23.8	10.2	313.9	299.0	99.9	99.9	32.2	72.
36.1	86.4	9687.3	250.0	-64.5	-70.9	248.8	30.8	13.2	325.1	299.9	99.9	99.9	35.5	72.
38.8	91.4	10354.1	225.0	-63.4	-69.9	248.8	31.2	13.4	336.7	299.9	99.9	99.9	40.4	71.
41.3	97.0	11321.2	200.0	-54.1	-60.9	247.3	39.4	15.2	347.2	299.9	99.9	99.9	45.6	70.
44.1	102.5	12176.8	175.0	-55.4	-61.9	243.9	38.2	18.7	358.5	299.9	99.9	99.9	52.2	70.
47.4	109.0	13165.7	150.0	-54.4	-60.9	244.1	37.3	18.1	376.4	299.9	99.9	99.9	61.0	69.
51.6	116.0	14340.1	125.0	-53.1	-59.9	241.3	31.2	15.0	398.9	299.9	99.9	99.9	70.5	68.
56.4	124.5	15761.2	100.0	-53.9	-59.9	248.3	37.0	13.7	423.7	299.9	99.9	99.9	81.7	68.
62.2	134.3	17355.4	75.0	-59.0	-64.9	248.5	27.8	11.0	449.2	299.9	99.9	99.9	91.7	68.
69.5	144.0	21122.3	50.0	-64.1	-69.9	247.4	27.8	11.6	492.4	299.9	99.9	99.9	105.4	68.
80.5	154.3	24369.2	25.0	-62.4	-68.9	249.2	30.8	11.7	605.4	299.9	99.9	99.9	124.5	68.

0 RV SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 RV TEMP MEANS TEMPERATURE ON TIME MAY BE INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1746 GMT

TIME MIN	CNTCT	HEIGHT GDM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	125 115. 0	
														RANGE KM	AZ DG
00	54	200.0	943.3	-10.0	-15.5	330.0	7.2	3.6	-6.2	263.8	268.8	1.1	64.0	0.0	0.
00.9	99.9	49.9	1000.0	99.9	99.9	49.9	91.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	6.4	142.7	975.0	-12.1	-19.4	249.2	11.8	10.3	-5.8	263.1	265.3	0.8	54.7	0.3	118.
0.8	9.3	547.4	953.0	-14.7	-19.4	302.0	11.5	9.7	-0.1	262.4	264.6	0.8	64.8	0.6	118.
1.5	11.0	741.9	925.0	-15.9	-21.9	316.0	12.8	8.9	-9.2	263.1	265.0	0.7	60.7	1.0	122.
2.2	13.3	949.1	900.0	-13.9	-24.5	324.9	14.3	8.2	-11.7	267.3	268.9	0.6	40.3	1.6	130.
3.1	15.3	1154.1	875.0	-12.4	-26.1	324.9	12.1	7.0	-9.9	271.0	272.4	0.5	30.6	2.3	135.
3.9	17.7	1345.3	85.0	-12.3	-24.4	314.4	12.2	6.7	-8.5	273.4	274.6	0.4	24.2	2.9	136.
4.7	20.1	1614.0	825.0	-11.6	-18.1	303.4	14.6	12.2	-8.1	276.2	279.6	1.1	58.3	3.5	135.
5.5	22.3	1450.1	800.0	-11.4	-15.6	244.2	14.3	13.0	-5.9	279.2	283.1	1.4	71.2	4.1	132.
6.2	24.4	2013.7	775.0	-11.9	-15.0	289.3	15.3	14.4	-5.2	281.2	285.5	1.5	77.1	4.8	129.
6.9	27.0	2344.5	750.0	-12.7	-15.2	289.5	14.5	13.7	-4.8	282.9	287.3	1.6	81.7	5.4	127.
7.7	29.4	2632.6	725.0	-14.3	-16.2	240.4	13.3	13.4	-4.6	283.9	288.1	1.5	85.5	6.1	125.
8.6	32.3	2988.1	700.0	-15.5	-18.7	298.7	11.7	10.6	-4.9	285.5	289.7	1.5	90.0	6.7	124.
9.7	35.0	3142.3	675.0	-16.8	-18.4	298.1	11.4	10.1	-5.4	287.0	290.8	1.3	87.0	7.4	123.
10.5	37.4	3474.7	650.0	-17.8	-21.3	294.6	11.5	10.5	-4.8	289.0	292.2	1.1	75.9	8.0	123.
11.4	40.1	3714.2	625.0	-14.6	-23.3	285.5	11.4	10.8	-3.6	290.1	292.8	0.9	71.0	8.6	122.
12.4	43.0	4020.5	600.0	-21.4	-25.6	245.3	13.1	12.7	-3.5	293.5	293.8	0.8	68.3	9.2	121.
13.3	46.2	4374.1	575.0	-23.6	-28.2	240.0	14.6	14.0	-4.0	292.4	294.4	0.6	66.0	10.0	120.
14.3	49.1	4654.6	550.0	-26.4	-30.3	280.5	15.3	15.1	-2.8	292.8	294.5	0.5	65.3	10.9	118.
15.4	52.0	4911.4	525.0	-28.6	-33.3	278.0	17.6	17.4	-2.4	294.0	295.1	0.3	49.2	11.9	117.
16.5	55.2	5350.1	500.0	-31.4	-36.1	274.7	17.8	17.7	-1.5	294.7	295.6	0.3	47.7	13.0	115.
17.7	59.4	5700.1	475.0	-34.5	-41.4	271.2	18.0	18.0	-0.4	295.3	295.9	0.2	48.8	14.2	113.
18.9	61.9	6075.4	450.0	-37.9	-44.7	267.7	17.4	17.4	0.7	295.6	296.1	0.2	52.3	15.4	111.
20.3	65.4	6466.7	425.0	-41.2	-49.3	267.4	17.1	17.1	0.7	296.3	296.9	99.9	999.9	16.6	109.
21.5	67.2	6375.5	400.0	-44.8	-52.9	268.3	16.8	16.8	0.5	296.7	296.9	99.9	999.9	17.9	108.
22.9	72.7	7304.2	375.0	-48.2	-56.9	262.1	17.4	17.3	2.4	297.8	299.9	99.9	999.9	19.3	106.
24.4	76.7	7754.9	350.0	-51.9	-60.4	241.1	16.8	16.9	5.3	298.7	299.9	99.9	999.9	20.5	104.
25.9	80.4	4311.0	325.0	-55.5	-64.9	241.9	16.1	16.2	7.4	300.2	299.9	99.9	999.9	21.8	102.
27.7	85.2	8714.9	300.0	-58.5	-68.9	241.9	14.7	14.6	2.1	305.7	299.9	99.9	999.9	23.1	99.
29.4	89.8	9291.4	275.0	-55.3	-69.3	269.4	18.9	14.9	0.2	315.1	299.9	99.9	999.9	24.7	99.
31.2	94.6	9902.0	250.0	-53.3	-69.3	264.1	14.7	15.7	1.3	320.8	299.9	99.9	999.9	26.8	98.
33.1	99.3	10547.3	225.0	-51.8	-69.3	260.9	21.1	20.9	3.4	334.2	299.9	99.9	999.9	29.1	97.
35.2	105.3	11345.5	200.0	-52.1	-69.3	255.5	23.0	22.2	5.7	350.2	299.9	99.9	999.9	31.9	95.
37.8	111.1	12236.3	175.0	-51.6	-69.9	264.9	20.6	20.5	1.9	361.5	299.9	99.9	999.9	35.7	94.
40.8	119.3	13149.7	150.0	-53.2	-69.3	270.2	20.4	20.3	1.8	378.4	299.9	99.9	999.9	39.9	93.
44.2	125.8	14362.8	125.0	-54.9	-69.3	270.2	20.4	20.4	-0.1	395.7	299.9	99.9	999.9	44.6	92.
49.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
50.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
OMAHA, NEB6 FEBRUARY 1975  
1800 GMT

TIME MIN	CNTCT	WFLGHT GPM	PREC MB	TEMP DG C	Q W PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND CM/KG	RM PCT	RANGE KM	AZ DG
0-0	7-9	400.0	975.8	-13.4	-18.5	310.0	5.1	3.4	-3.3	261.7	264.1	0.9	65.0	0.0	0.
99-9	99-9	39.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0-1	7-9	401.2	975.0	-13.9	-19.1	305.5	4.4	3.6	-2.6	261.2	263.5	0.9	64.7	0.1	49.
0-7	10-1	401.7	950.0	-17.9	-23.7	303.1	4.3	3.6	-2.1	259.1	260.7	0.6	60.1	0.3	111.
1-4	12-1	400.0	925.0	-19.2	-26.0	314.3	8.9	5.9	-6.6	259.7	261.2	0.5	61.0	0.6	120.
2-1	14-5	1000.0	900.0	-15.8	-28.2	320.2	13.2	8.5	-10.2	265.2	266.4	0.4	33.7	1.1	130.
2-8	16-6	1214.5	875.0	-15.0	-33.8	320.6	14.7	8.7	-10.6	260.3	269.0	0.2	18.2	1.7	133.
3-6	19-3	1417.9	850.0	-14.6	-38.7	320.0	12.1	7.4	-9.5	270.9	271.3	0.2	10.7	2.3	136.
4-3	21-3	1663.7	825.0	-15.6	-37.3	320.5	11.9	7.6	-9.2	272.2	272.7	0.2	13.5	2.7	137.
4-9	23-7	1945.4	800.0	-16.7	-34.0	318.8	11.8	7.4	-8.9	273.4	274.2	0.3	20.5	3.2	137.
5-4	24-3	2117.6	775.0	-17.5	-19.8	320.3	11.7	7.5	-9.0	275.0	275.5	0.2	12.1	3.7	137.
6-5	26-0	2374.2	750.0	-17.3	-41.7	308.3	14.0	11.0	-8.7	277.8	278.2	0.1	9.8	4.3	137.
7-4	31-2	2633.3	725.0	-17.5	-38.4	309.5	16.0	12.3	-10.2	280.3	280.9	0.2	13.6	5.1	135.
8-3	31-2	2844.5	700.0	-14.5	-42.3	310.0	17.1	13.1	-11.0	282.0	282.4	0.1	10.3	6.1	135.
9-3	36-1	3106.3	675.0	-14.8	-31.8	308.1	17.8	14.0	-11.0	283.5	284.8	0.4	34.5	7.2	134.
10-3	39-1	3445.7	650.0	-20.5	-23.2	308.8	18.9	15.5	-10.8	285.9	288.1	0.9	78.9	8.3	133.
11-3	41-7	3735.6	625.0	-21.3	-24.4	308.3	19.7	16.6	-9.7	288.1	290.5	0.8	72.7	9.3	132.
12-1	44-6	4036.3	600.0	-22.7	-26.3	298.4	20.4	17.9	-9.7	289.9	292.2	0.7	72.2	10.5	130.
13-1	47-5	4347.3	575.0	-24.6	-27.5	298.1	20.9	18.5	-9.9	291.2	293.3	0.7	76.8	11.5	129.
14-1	50-4	4670.2	550.0	-26.1	-29.2	295.6	20.8	18.8	-9.0	293.1	295.0	0.6	75.0	12.7	128.
15-0	53-4	5005.2	525.0	-24.3	-31.7	295.3	21.4	19.5	-8.8	294.4	296.0	0.5	72.3	13.9	127.
16-1	56-4	5351.4	500.0	-31.1	-33.6	295.7	22.4	20.7	-9.7	295.2	296.6	0.4	78.1	15.3	126.
17-3	59-6	5715.5	475.0	-33.3	-37.6	295.7	23.1	20.4	-10.9	296.7	297.7	0.3	65.2	16.9	125.
18-6	63-0	6094.2	450.0	-35.0	-40.7	296.9	25.7	22.5	-11.4	299.3	300.1	0.2	55.2	18.8	124.
19-4	66-1	6490.2	425.0	-38.4	-47.1	301.9	25.3	21.5	-13.4	299.4	300.2	0.1	39.3	20.5	124.
2-2	70-0	6904.8	400.0	-41.1	99.4	306.1	27.3	22.0	-16.1	301.6	303.9	99.9	99.9	22.8	124.
22-6	73-4	7339.2	375.0	-45.5	99.9	308.0	29.1	23.0	-18.0	301.4	303.9	99.9	99.9	25.1	124.
24-2	77-5	7755.6	350.0	-49.4	99.9	308.2	32.0	25.1	-19.8	302.1	303.9	99.9	99.9	28.0	125.
26-0	81-3	8276.9	325.0	-51.4	99.9	307.2	28.6	22.9	-17.4	303.1	303.9	99.9	99.9	31.2	125.
27-8	85-6	8744.6	300.0	-56.5	99.9	305.2	32.4	26.1	-19.1	305.8	309.9	99.9	99.9	34.5	125.
29-6	90-0	9141.8	275.0	-55.0	99.9	307.1	27.5	21.9	-16.6	315.7	309.9	99.9	99.9	37.6	125.
31-6	94-8	9451.4	250.0	-55.1	99.9	311.1	26.7	20.1	-17.5	324.2	309.9	99.9	99.9	41.0	125.
33-4	99-4	10627.6	225.0	-55.4	99.9	301.1	27.6	23.7	-14.3	333.6	309.9	99.9	99.9	44.5	125.
36-3	104-6	11146.1	200.0	-51.0	99.9	303.3	22.8	19.1	-12.5	352.1	309.9	99.9	99.9	48.6	126.
39-4	110-4	12250.8	175.0	-52.9	99.9	295.4	26.2	23.7	-11.2	361.6	309.9	99.9	99.9	52.6	126.
43-0	116-5	13248.8	150.0	-52.2	99.9	291.5	20.9	19.5	-7.7	380.2	309.9	99.9	99.9	58.1	124.
46-8	121-5	14421.1	125.0	-53.5	99.9	289.2	24.7	22.8	-8.0	398.1	309.9	99.9	99.9	63.3	123.
52-0	130-8	17656.1	100.0	-54.9	99.9	287.7	21.9	20.9	-6.7	421.7	309.9	99.9	99.9	70.1	122.
58-2	138-7	17683.9	75.0	-57.1	99.9	293.7	22.4	18.7	-8.2	453.3	309.9	99.9	99.9	77.6	121.
64-6	146-3	20241.8	50.0	-60.7	99.9	293.7	17.8	16.3	-7.2	500.5	309.9	99.9	99.9	86.4	120.
70-3	154-3	24401.8	25.0	-65.1	99.9	999.9	99.9	99.9	99.9	507.7	309.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 942  
NORTH PLATTE, NEB  
6 FEBRUARY 1975  
1742 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRF'S MM	TEMP DEG C	DEW PT DEG C	Q14 DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTN GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	11.7	467.3	924.5	-7.4	-20.4	270.0	4.1	9.1	0.0	267.8	272.1	0.8	40.0	0.0	0.
59.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	16.2	1053.5	800.0	-11.9	-22.8	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
1.4	16.2	1053.5	800.0	-11.9	-22.8	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
2.1	14.5	1444.2	800.0	-14.7	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
2.9	20.8	1714.5	800.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
3.7	23.0	1948.4	800.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
4.7	25.3	2121.1	775.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
5.5	27.7	2441.0	750.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
6.3	30.1	2700.0	725.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
7.2	32.4	2970.1	700.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
8.1	34.7	3141.7	675.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
9.1	37.4	3521.7	650.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
10.0	40.5	3413.0	625.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
10.9	43.0	4117.9	600.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
11.9	46.3	4411.7	575.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
13.1	49.0	4740.4	550.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
14.1	51.6	5096.4	525.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
15.3	54.2	5494.5	500.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
16.5	57.6	5904.7	475.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
17.7	60.9	6188.4	450.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
19.1	64.4	6540.0	425.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
20.4	67.8	7003.4	400.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
21.9	71.0	7440.7	375.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
23.4	74.7	7931.1	350.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
25.0	78.5	8378.4	325.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
26.7	82.5	8904.6	300.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
28.4	86.8	9461.3	275.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
30.4	91.0	10048.1	250.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
32.5	95.7	10724.7	225.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
35.1	100.7	11451.5	200.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
37.8	106.2	12141.7	175.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
41.2	112.0	13140.1	150.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
44.7	118.7	14111.1	125.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
49.0	126.0	15224.9	100.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
54.1	134.7	17732.4	75.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
61.4	143.3	23203.1	50.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9
72.0	152.3	24544.7	25.0	-14.9	-26.1	999.9	99.9	99.9	99.9	269.3	271.2	0.7	40.0	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MM	TEMP DG C	DWB PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0-0	6-1	70.0	596.5	1.7	0.1	300.0	5.1	0.0	-5.1	275.6	285.5	3.9	89.0	0.0	0.
0-9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-6	6-1	123.8	975.0	-3.3	-3.4	7.5	6.2	-1.1	-8.2	272.2	279.9	3.0	99.3	0.2	175.
1-4	10-2	359.1	950.0	-4.7	-4.1	34.2	7.6	-4.7	-6.0	273.3	280.9	2.9	99.6	0.6	190.
2-3	12-6	50.5	925.0	-1.5	-3.5	95.4	6.5	-6.5	0.6	276.1	284.3	3.2	100.8	0.9	210.
3-1	14-7	45.0	906.0	-4.1	-4.1	118.2	6.2	-5.5	2.9	277.7	285.9	3.1	101.1	1.0	229.
3-9	16.1	10.1	875.0	-5.0	-5.0	137.1	5.8	-3.9	4.2	278.9	286.8	3.0	100.9	1.1	245.
4-8	19-2	1276.2	825.0	-6.0	-6.7	207.4	3.4	7.8	2.2	280.2	287.9	2.9	100.8	1.1	256.
5-6	21-4	1510.1	825.0	-6.5	-6.5	254.2	8.1	7.8	99.9	281.5	290.8	2.7	100.6	0.8	280.
6-5	23-7	1750.3	800.0	-7.5	-7.5	999.0	99.9	99.9	99.9	285.2	292.5	2.6	100.5	999.9	999.9
7-1	26-3	1937.7	775.0	-8.3	-8.1	999.9	99.9	99.9	99.9	286.2	292.8	2.4	100.7	999.9	999.9
7-9	28-5	2231.1	750.0	-9.9	-9.9	999.9	99.9	99.9	99.9	287.1	294.9	99.9	999.9	999.9	999.9
8-4	31-1	2512.1	725.0	-11.1	99.9	999.9	99.9	99.9	99.9	288.9	299.9	99.9	999.9	999.9	999.9
9-7	33-7	2711.0	700.0	-12.2	99.9	999.9	99.9	99.9	99.9	290.7	299.9	99.9	999.9	999.9	999.9
10-7	36-1	3028.2	675.0	-13.1	99.9	999.9	99.9	99.9	99.9	292.5	299.9	99.9	999.9	999.9	999.9
11-7	38-3	3364.4	650.0	-14.6	99.9	999.9	99.9	99.9	99.9	294.5	299.9	99.9	999.9	999.9	999.9
12-6	41-3	3681.1	625.0	-15.7	99.9	999.9	99.9	99.9	99.9	296.5	299.9	99.9	999.9	999.9	999.9
13-7	44-2	3988.1	600.0	-16.9	99.9	999.9	99.9	99.9	99.9	298.1	301.6	1.1	76.3	999.9	999.9
14-5	47-1	4294.7	575.0	-18.8	-21.7	999.9	99.9	99.9	99.9	298.8	301.7	1.0	76.6	999.9	999.9
15-5	50-1	4596.5	550.0	-21.4	-24.4	999.9	99.9	99.9	99.9	300.5	303.2	0.6	75.9	999.9	999.9
16-7	52-3	4894.6	525.0	-23.3	-26.1	999.9	99.9	99.9	99.9	301.5	303.6	0.6	68.5	999.9	999.9
18-1	54.8	5293.8	500.0	-25.4	-29.9	999.9	99.9	99.9	99.9	301.7	303.3	0.5	68.2	999.9	999.9
19-5	59.3	5602.9	475.0	-29.3	-33.2	999.9	99.9	99.9	99.9	302.4	303.5	0.3	59.1	999.9	999.9
20-7	62-4	6046.9	450.0	-32.5	-37.7	999.9	99.9	99.9	99.9	303.5	304.3	0.3	58.4	6.9	73.
22-0	65-4	6487.5	425.0	-35.5	-40.7	237.0	4.8	4.0	2.6	304.0	304.6	0.2	61.6	7.0	72.
23-5	68.1	6884.9	400.0	-39.2	-43.7	150.1	1.3	-0.6	1.1	304.4	304.9	99.9	999.9	7.0	72.
24-9	72-3	7304.3	375.0	-43.2	99.9	217.7	7.3	1.4	1.8	305.7	309.9	99.9	999.9	7.6	70.
26-4	76-3	7765.2	350.0	-46.7	99.9	242.9	11.6	10.3	5.3	312.7	312.7	99.9	999.9	9.6	70.
28-2	80-3	8256.7	325.0	-49.4	99.9	250.6	27.3	25.7	9.1	316.7	316.7	99.9	999.9	13.4	70.
30-1	84-3	8764.0	300.0	-48.7	99.9	246.5	34.8	32.0	13.9	323.4	323.4	99.9	999.9	18.4	69.
32-4	88-0	9356.8	275.0	-49.6	99.9	248.1	38.6	35.8	14.4	332.0	332.0	99.9	999.9	22.6	69.
34-9	92-6	9940.4	250.0	-49.8	99.9	246.4	44.0	40.4	17.6	341.0	341.0	99.9	999.9	32.1	68.
37-8	97.7	10544.2	225.0	-50.6	99.9	245.0	48.7	44.2	20.6	350.9	350.9	99.9	999.9	40.5	67.
40-6	102-3	11144.0	200.0	-51.7	99.9	246.3	43.3	39.6	17.4	362.2	362.2	99.9	999.9	48.6	67.
43-8	104-3	12297.8	175.0	-53.1	99.9	234.6	41.3	33.4	23.9	374.1	374.1	99.9	999.9	60.6	65.
47-9	114-0	13244.1	150.0	-52.8	99.9	242.4	51.6	45.4	23.5	394.6	394.6	99.9	999.9	72.2	65.
52-1	120-4	14440.4	125.0	-55.5	99.9	245.2	42.6	38.7	17.8	417.4	417.4	99.9	999.9	84.6	66.
57-4	128-3	15879.4	100.0	-57.1	99.9	247.1	33.5	30.9	13.0	443.7	443.7	99.9	999.9	100.9	67.
63-8	137-3	17677.4	75.0	-61.6	99.9	251.6	33.5	31.8	10.6	493.9	493.9	99.9	999.9	114.1	67.
72-1	146-3	23149.1	50.0	-73.5	99.9	251.6	14.7	14.7	6.2	99.9	99.9	99.9	999.9	999.9	999.9
99-9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
 0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN A DEG

STATION NO. 637  
FLINT, MICH  
6 FEBRUARY 1975  
1400 GMT

ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPN	WIND M/H	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0-0	0-4	236-3	974-0	-2-2	-6-0	280-0	2-6	2-6	-0-5	273-0	279-5	2-5	75-0	0-0	0-
0-1	0-4	240-4	975-0	-2-4	-6-1	283-4	2-6	2-5	0-6	273-1	279-5	2-5	75-6	0-1	56-
0-2	0-4	246-0	950-0	-4-5	-6-2	284-2	3-5	3-4	1-0	273-0	279-5	2-5	87-7	0-2	83-
1-6	10-1	275-8	925-0	-5-0	-6-9	282-2	6-3	6-2	-1-3	273-9	280-3	2-5	90-3	0-4	81-
2-3	12-4	280-4	907-0	-5-4	-6-6	282-3	9-0	8-3	-3-4	276-3	283-1	2-6	91-1	0-7	97-
3-1	15-1	1111-0	875-0	-6-8	-7-4	282-2	9-2	6-6	-3-5	277-1	283-5	2-4	92-0	1-2	104-
3-9	17-3	1117-5	955-0	-8-4	-9-3	283-4	10-6	10-2	-2-8	277-7	283-7	2-3	95-2	1-7	105-
4-7	19-4	1569-1	824-0	-4-5	-10-0	274-1	9-9	9-8	-1-6	278-8	284-6	2-2	96-2	2-1	108-
5-4	21-4	1805-4	800-0	-10-4	-10-3	277-0	9-0	9-0	-1-1	280-3	286-0	2-1	96-2	2-3	103-
6-2	23-7	2050-7	774-0	-11-6	-12-2	274-2	8-9	8-9	-0-7	281-6	286-9	1-9	94-7	3-0	102-
7-1	25-3	2101-3	750-0	-12-8	-13-7	268-2	9-1	9-1	0-3	282-9	287-8	1-8	92-5	3-4	101-
8-0	28-1	2567-2	725-0	-12-9	-14-2	265-1	11-2	11-2	1-0	285-5	290-4	1-8	90-1	3-9	9-1-
9-0	30-3	2617-4	702-0	-13-4	-15-7	261-1	13-6	13-4	2-1	287-8	292-4	1-6	82-8	4-6	96-
9-9	33-4	3103-7	675-0	-13-7	-17-7	256-0	13-6	13-2	3-3	288-2	292-4	1-5	88-5	5-4	94-
10-8	35-4	3147-6	650-0	-17-3	-18-5	254-1	12-9	12-1	3-4	289-6	293-5	1-4	90-0	6-1	91-
11-3	38-4	3410-6	625-0	-19-3	-21-2	261-0	12-3	12-2	1-8	290-5	293-7	1-1	84-6	6-7	90-
12-4	41-3	3683-4	600-0	-20-8	-24-6	269-6	14-2	14-2	0-1	292-2	294-0	0-9	71-2	7-6	90-
13-8	43-7	4207-5	575-0	-22-4	-26-7	264-4	15-3	15-2	1-5	293-9	296-1	0-7	67-6	8-4	90-
14-8	46-7	4621-0	550-0	-24-4	-28-2	257-4	16-8	16-4	3-7	295-2	297-2	0-7	70-4	9-4	89-
15-9	49-5	4862-3	525-0	-27-1	-31-1	256-6	18-5	18-0	4-3	295-8	297-5	0-5	68-5	10-6	87-
17-1	52-4	5110-2	500-0	-29-6	-35-2	257-1	19-9	19-4	5-1	297-7	298-9	0-4	51-2	11-9	86-
18-1	55-5	5673-9	475-0	-32-5	-38-2	256-2	21-2	20-6	5-1	297-7	298-9	0-3	51-2	13-4	85-
19-5	58-0	6052-4	450-0	-35-3	-43-2	254-5	22-8	21-9	6-1	298-2	298-8	0-2	46-2	14-9	84-
20-8	61-4	6444-1	425-0	-34-2	-46-7	253-7	22-7	21-8	6-4	298-8	299-2	0-1	44-4	16-8	83-
22-0	65-1	6859-1	400-0	-42-7	-50-9	251-2	22-4	21-2	7-2	299-5	299-9	99-9	99-9	18-4	82-
23-5	68-7	7241-0	375-0	-46-4	-54-9	251-8	23-5	22-3	7-3	300-1	299-9	99-9	99-9	20-3	81-
25-0	72-1	7765-0	350-0	-50-4	-58-9	241-8	21-6	21-2	10-5	300-7	299-9	99-9	99-9	22-4	80-
26-5	76-2	8244-2	325-0	-54-4	-64-9	243-3	24-2	21-0	10-9	301-7	299-9	99-9	99-9	24-4	79-
28-2	80-1	8732-7	300-0	-57-0	-67-9	245-0	22-8	20-7	9-7	303-0	299-9	99-9	99-9	26-8	77-
29-9	84-4	9246-1	275-0	-57-0	-67-9	250-7	22-8	21-6	7-5	312-6	299-9	99-9	99-9	29-2	76-
31-8	88-1	9849-4	250-0	-54-4	-64-9	246-6	25-2	23-2	10-0	324-4	299-9	99-9	99-9	31-8	76-
33-9	93-4	10411-1	225-0	-54-1	-64-9	248-6	25-0	23-3	9-1	335-3	299-9	99-9	99-9	35-1	75-
36-2	99-0	11120-1	200-0	-53-7	-64-9	248-5	27-0	25-1	9-9	347-8	299-9	99-9	99-9	38-5	75-
38-9	104-5	12192-9	175-0	-52-5	-64-9	257-6	26-1	24-1	5-8	363-3	299-9	99-9	99-9	43-2	74-
42-0	110-4	13142-4	150-0	-52-1	-64-9	243-6	24-4	21-9	10-9	380-1	299-9	99-9	99-9	47-7	74-
45-6	117-1	14157-0	125-0	-51-4	-64-9	254-7	26-2	25-3	8-9	398-2	299-9	99-9	99-9	53-3	74-
50-5	125-5	15769-2	100-0	-53-7	-64-9	251-1	24-5	23-6	6-7	426-1	299-9	99-9	99-9	60-7	73-
56-1	136-7	17418-3	75-0	-57-2	-64-9	254-9	27-9	27-4	5-1	453-1	299-9	99-9	99-9	69-8	73-
64-3	144-1	20144-5	50-0	-60-8	-64-9	264-7	24-6	24-0	0-1	500-4	299-9	99-9	99-9	80-7	74-
74-0	155-0	24465-4	25-0	-63-8	-64-9	258-2	28-2	27-6	5-8	601-2	299-9	99-9	99-9	96-5	75-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 445  
GREEN HAV. BIS

6 FEBRUARY 1975  
1715 GMT

154 26. 0

TIME MIN	CNCT	WEIGHT GPM	PPES W3	TEMP DG C	FW BT DG C	DIR DG	SPEED M/SEC	U CMMH M/SEC	V CCMH M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	210.0	944.9	-11.1	-18.1	270.0	8.8	8.8	0.0	263.4	265.4	0.9	56.0	0.0	0.
00.0	90.3	97.0	1000.0	09.0	09.0	09.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	7.3	241.6	975.0	-12.1	-19.7	287.0	17.4	11.0	-3.8	263.1	265.3	0.8	52.9	0.3	80.
1.0	10.1	481.7	950.0	-13.7	-20.3	292.4	11.2	10.3	-4.3	263.4	265.5	0.8	57.2	0.6	104.
1.7	12.1	641.0	925.0	-15.7	-21.9	308.8	7.8	6.0	-4.9	263.4	265.3	0.7	58.4	1.0	110.
2.7	14.6	833.7	900.0	-16.4	-24.6	317.9	10.0	6.7	-7.4	260.7	267.4	0.2	15.5	1.5	119.
3.5	16.5	1105.1	875.0	-12.7	-34.6	313.4	11.5	8.3	-7.9	270.7	271.3	0.2	14.0	2.0	123.
6.2	18.4	1376.3	850.0	-12.7	-34.0	308.0	11.0	9.3	-7.3	272.9	273.6	0.2	14.7	2.5	125.
9.0	21.3	1551.3	825.0	-14.7	-36.1	305.4	9.7	7.9	-5.6	273.1	273.7	0.2	14.0	3.0	128.
9.8	23.6	1744.3	800.0	-15.3	-36.4	298.8	12.8	11.2	-6.2	274.9	275.5	0.2	14.4	3.5	129.
6.5	25.3	2055.8	775.0	-15.4	-34.5	293.9	15.1	13.8	-6.1	277.3	278.1	0.3	17.7	4.1	123.
7.4	24.7	2273.2	750.0	-16.1	-30.6	286.9	15.8	15.1	-4.6	274.1	280.4	0.4	28.2	4.9	121.
8.7	30.3	2524.0	725.0	-17.4	-24.0	277.6	15.4	15.3	-2.0	280.4	282.6	0.8	56.6	5.7	119.
9.1	33.6	2700.8	700.0	-17.8	-24.5	269.8	16.0	16.0	0.0	282.8	285.0	0.7	55.6	6.5	115.
10.1	34.3	3067.3	675.0	-18.4	-25.2	272.7	14.0	14.0	-0.7	285.1	287.3	0.7	54.6	7.3	112.
10.9	38.1	3341.5	650.0	-19.7	-25.9	274.2	19.0	19.0	-1.4	286.8	288.9	0.7	57.6	8.2	110.
11.8	41.1	3634.1	625.0	-21.1	-27.7	274.1	19.5	19.5	-1.4	284.4	290.3	0.6	55.2	9.2	108.
12.4	44.3	3916.7	600.0	-23.0	-29.7	270.4	19.3	19.3	-0.1	289.6	291.2	0.5	53.9	10.3	107.
13.3	47.3	4245.3	575.0	-25.1	-31.5	266.4	20.0	20.0	1.3	290.6	292.1	0.5	54.6	11.5	105.
14.0	50.1	4567.3	550.0	-26.9	-33.4	264.7	20.3	20.2	1.9	292.2	293.5	0.4	53.5	12.6	103.
14.9	53.1	4901.6	525.0	-26.9	-35.6	262.4	20.0	19.9	2.6	293.7	294.8	0.3	51.9	13.9	101.
17.0	56.4	5248.7	500.0	-21.7	-38.0	264.1	20.4	20.3	2.1	294.4	295.3	0.3	53.4	15.2	99.
19.7	53.7	5473.4	475.0	-16.5	-40.6	265.3	20.1	20.1	1.6	295.3	296.1	0.2	53.2	16.3	98.
19.1	63.3	5495.0	450.0	-37.6	-43.5	264.1	20.4	20.7	2.1	296.0	296.5	0.2	53.4	17.6	97.
20.1	64.5	5177.4	425.0	-40.3	99.9	259.3	20.3	19.9	3.8	297.4	299.9	99.9	99.9	18.9	96.
21.4	70.2	5747.5	400.0	-43.8	99.9	263.1	18.7	18.5	2.7	298.1	299.9	99.9	99.9	20.3	95.
22.7	71.4	6217.5	375.0	-47.5	99.9	265.9	18.6	18.5	1.1	298.8	299.9	99.9	99.9	21.6	93.
24.1	78.3	7670.7	350.0	-50.1	99.9	272.6	21.9	21.8	-1.0	301.2	299.9	99.9	99.9	23.4	94.
25.6	82.0	8154.9	325.0	-54.0	99.9	270.1	22.4	22.4	-0.0	307.3	299.9	99.9	99.9	25.3	94.
27.3	86.3	8674.9	300.0	-57.0	99.9	270.4	19.3	19.1	-0.3	305.1	299.9	99.9	99.9	27.6	94.
28.9	91.0	9210.7	275.0	-58.4	99.9	271.1	17.2	17.2	-0.3	310.6	299.9	99.9	99.9	29.4	94.
30.7	95.9	9815.0	250.0	-58.1	99.9	267.1	22.0	22.0	1.1	319.7	299.9	99.9	99.9	31.4	93.
32.7	101.3	10679.3	225.0	-54.0	99.9	265.6	23.6	23.5	1.8	335.8	299.9	99.9	99.9	34.0	93.
34.3	107.3	11235.7	200.0	-51.9	99.9	266.7	19.2	19.2	1.1	350.6	299.9	99.9	99.9	36.8	92.
37.4	113.3	12107.4	175.0	-51.3	99.9	258.3	20.2	19.8	4.1	365.2	299.9	99.9	99.9	39.0	91.
40.2	116.7	13105.1	150.0	-54.3	99.9	273.4	19.4	19.3	-1.1	374.5	299.9	99.9	99.9	43.0	91.
43.9	127.3	16240.3	125.0	-50.6	99.9	264.5	15.4	15.7	1.0	403.5	299.9	99.9	99.9	46.8	92.
47.4	135.3	15724.9	100.0	-53.5	99.9	273.4	12.7	12.7	-0.8	424.4	299.9	99.9	99.9	50.6	91.
53.1	147.8	17562.3	75.0	-56.6	99.9	277.5	21.2	23.0	-3.0	494.3	299.9	99.9	99.9	56.3	91.
60.7	151.3	20120.8	50.0	-61.3	99.9	279.9	15.1	14.9	-2.6	499.2	299.9	99.9	99.9	64.1	92.
69.0	69.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MUMON. S D6 FEBRUARY 1975  
1715 GMT

TIME MIN	LNCT	WELT GPA	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX WTD CM/KG	PH PCT	RANGE KM	AZ DG
0.0	7.1	312.0	975.1	-13.9	-22.0	280.0	7.2	-7.1	-1.3	261.2	263.0	0.7	50.0	0.0	0.
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	7.3	336.3	975.0	-13.9	-22.1	280.5	7.3	7.1	-1.3	261.2	262.9	0.7	50.0	0.0	3.
0.0	10.4	975.0	975.0	-16.0	-23.3	300.1	7.5	4.2	-4.4	260.4	262.0	0.6	55.0	0.4	11.3
1.6	12.6	273.4	925.0	-12.9	-23.7	320.7	10.2	6.4	-7.9	261.1	262.7	0.6	60.3	0.9	12.1
2.6	15.1	998.7	900.0	-16.3	-24.4	320.6	10.5	5.1	-9.1	261.7	263.3	0.6	63.0	1.0	13.2
3.7	17.1	1208.9	875.0	-17.7	-24.9	312.8	13.0	9.5	-8.8	265.5	267.1	0.6	55.0	1.0	13.5
4.0	19.3	1475.4	850.0	-16.5	-23.5	305.3	14.4	12.0	-8.7	264.9	270.8	0.7	54.3	2.5	13.3
4.9	22.1	1646.5	825.0	-12.7	-25.9	307.6	15.5	12.2	-9.5	269.9	271.5	0.6	51.0	3.3	13.1
4.7	26.9	1878.5	800.0	-16.7	-30.0	308.1	17.9	14.1	-11.0	271.8	272.9	0.4	34.6	4.1	13.1
6.1	27.1	2111.6	775.0	-16.7	-30.8	306.5	17.5	15.7	-11.6	273.7	274.2	0.2	13.4	5.1	13.0
7.1	30.0	2352.4	750.0	-14.4	-24.3	308.7	21.0	16.4	-13.2	275.6	277.6	0.7	65.0	0.0	13.0
8.1	32.4	2634.7	725.0	-21.2	-22.6	309.1	22.8	17.7	-14.6	276.3	278.8	0.9	88.2	7.4	13.0
9.1	35.5	2807.1	700.0	-20.7	-34.4	311.4	21.1	15.9	-14.0	278.0	279.1	0.4	43.1	8.8	12.9
10.1	38.2	3136.1	675.0	-18.7	-30.7	310.5	20.7	13.5	-15.7	284.7	285.3	0.2	15.1	9.9	13.0
11.4	40.1	3412.2	650.0	-14.1	-36.1	320.4	23.6	13.1	-10.1	287.3	288.0	0.2	16.7	11.3	13.2
12.6	43.3	3734.1	625.0	-20.7	-38.4	320.2	25.0	12.8	-17.9	288.6	289.5	0.2	18.6	12.7	13.3
13.3	47.3	4034.8	600.0	-23.2	-39.0	321.3	19.7	12.2	-15.5	289.3	290.0	0.2	24.1	14.0	13.6
14.5	50.0	4314.0	575.0	-25.7	-36.1	320.7	20.1	12.9	-15.7	289.9	291.0	0.4	45.1	15.3	13.5
15.1	53.0	4614.9	550.0	-27.7	-33.4	322.8	20.7	12.5	-16.5	291.2	292.5	0.4	55.5	16.6	13.5
16.3	56.1	4975.3	525.0	-30.1	-35.5	322.5	19.2	11.7	-15.2	292.2	293.4	0.3	58.9	18.0	13.6
17.9	59.1	5274.6	500.0	-32.7	-37.2	321.2	21.0	13.6	-16.8	293.8	294.8	0.3	60.6	19.3	13.6
19.2	62.4	5624.6	475.0	-35.2	-36.0	321.6	21.5	13.4	-16.9	294.4	295.1	0.3	67.5	21.0	13.7
20.6	66.3	6034.8	450.0	-37.1	-41.7	321.9	22.7	14.0	-17.9	296.3	297.0	0.2	63.0	22.7	13.7
22.0	69.7	6433.0	425.0	-40.9	-44.2	321.6	24.4	14.1	-19.9	296.6	297.9	0.9	99.9	24.0	13.8
23.4	73.7	6855.1	400.0	-44.2	-49.9	321.8	26.0	14.9	-18.9	297.0	299.9	0.9	99.9	26.5	13.9
25.0	77.2	7244.0	375.0	-47.3	-49.4	319.4	22.7	14.8	-17.2	299.0	299.9	0.9	99.9	28.9	13.8
26.7	81.0	7714.1	350.0	-50.6	-49.9	320.4	26.4	18.4	-22.4	300.5	299.9	0.9	99.9	31.7	13.8
28.3	85.3	8217.1	325.0	-53.9	-49.3	319.1	24.2	15.9	-18.3	302.3	299.9	0.9	99.9	34.1	13.9
30.0	89.2	8724.8	300.0	-55.4	-49.9	319.5	23.3	19.0	-22.3	307.3	299.9	0.9	99.9	36.5	13.9
32.0	93.4	9242.4	275.0	-56.5	-49.9	319.5	24.8	20.2	-20.5	313.4	293.9	0.9	99.9	40.4	13.8
34.0	98.4	9831.0	250.0	-58.1	-49.3	317.2	27.7	17.5	-18.9	325.7	293.9	0.9	99.9	43.5	13.8
36.1	103.1	10373.2	225.0	-52.1	-49.3	316.1	26.7	19.4	-20.7	338.3	299.9	0.9	99.9	47.1	13.8
38.9	105.0	11331.6	200.0	-51.1	-49.9	311.8	25.6	19.1	-17.0	351.9	299.9	0.9	99.9	51.0	13.8
41.4	110.4	12232.4	175.0	-51.1	-49.3	316.2	21.0	14.5	-15.1	365.6	299.9	0.9	99.9	54.2	13.8
45.1	121.0	13235.0	150.0	-51.1	-49.3	312.4	27.1	20.0	-18.3	380.7	299.9	0.9	99.9	61.4	13.7
49.7	128.0	14370.5	125.0	-55.0	-49.9	311.3	19.0	14.3	-12.5	393.8	299.9	0.9	99.9	64.3	13.6
54.2	135.7	15812.0	100.0	-51.8	-49.9	298.6	18.7	12.9	-7.0	423.8	299.9	0.9	99.9	71.9	13.6
60.7	143.1	17651.7	75.0	-50.9	-49.9	310.9	17.5	13.2	-11.5	473.7	299.9	0.9	99.9	78.0	13.5
67.7	151.7	21111.7	50.0	-50.7	-49.9	310.4	15.2	11.4	-7.4	503.0	299.9	0.9	99.9	87.7	13.4
76.2	160.7	26456.4	25.0	-45.2	-49.9	311.5	19.5	14.6	-1.9	597.6	299.9	0.9	99.9	98.6	13.3

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 °  
 0 MV TIME MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
 00 MV SPEED MEANS ELEVATION ANGLE LESS THAN A DEG

ORIGINAL PAGE IS  
 OF POOR QUALITY

STATION NO. 655  
ST CLOUD, MINN  
6 FEBRUARY 1975  
1400 GMT

	CHCT	HT 1000	PHS	TEMP	NEW NT	DIR	SPEED	U COMP	V CLAP	POI T	E PUT Y	MR RTO	RM	RANGE	AZ
		CPM	MM	DL C	DC C	DC	M/SEC	M/SEC	M/SEC	DC K	DC K	CM/RC	PCT	RM	DE
0.0	6.4	311.0	1010.0	-16.1	-19.8	290.3	9.1	7.9	-1.4	250.6	260.7	0.0	73.0	0.0	0.
99.9	99.7	311.0	1000.0	99.9	99.9	290.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	6.0	322.4	975.0	-17.0	-22.0	283.7	5.0	5.0	-1.5	250.1	259.9	0.7	65.0	0.2	00.
0.4	9.3	353.7	953.0	-19.2	-21.0	273.4	6.5	6.0	-2.6	257.8	259.6	0.7	80.8	0.3	100.
1.4	10.7	754.0	975.0	-20.9	-22.1	317.4	9.7	6.2	-6.9	259.1	259.9	0.7	90.0	0.6	114.
2.2	13.0	926.6	900.0	-20.2	-20.7	328.7	11.2	5.9	-9.5	260.8	263.0	0.0	95.3	1.1	120.
2.9	15.2	1167.6	875.0	-16.1	-25.4	330.4	9.1	3.6	-6.3	267.1	269.1	0.7	59.4	1.5	135.
5.7	17.4	1345.7	850.0	-16.5	-28.0	330.6	9.7	4.8	-8.4	268.9	270.1	0.4	36.2	1.9	140.
8.5	19.0	1634.7	825.0	-16.0	-28.3	330.8	10.6	5.2	-9.3	269.6	270.8	0.4	37.7	2.3	142.
5.3	21.4	1832.2	800.0	-14.2	-28.3	320.1	12.4	4.0	-9.5	270.7	272.0	0.5	44.4	2.9	143.
6.2	24.3	2078.6	775.0	-10.9	-28.7	307.1	13.4	10.7	-8.1	271.3	272.6	0.5	49.6	3.6	141.
7.0	26.0	2315.4	750.0	-7.1	-28.7	308.1	15.0	11.0	-8.6	271.7	273.0	0.5	59.2	4.3	139.
7.9	29.1	2501.3	725.0	-24.8	-27.0	308.9	15.0	12.3	-10.0	272.4	274.0	0.6	82.0	5.1	137.
8.4	31.8	2700.0	700.0	-22.3	-26.4	310.0	16.7	17.8	-10.7	277.1	277.6	0.2	20.3	5.9	136.
9.4	34.5	3175.7	675.0	-22.7	-26.1	312.5	18.0	13.3	-12.2	280.8	281.4	0.2	19.8	6.9	135.
10.9	37.3	3373.7	650.0	-22.7	-26.0	312.6	17.6	12.1	-12.0	283.3	283.9	0.2	18.0	7.2	135.
12.3	39.4	3511.7	625.0	-22.4	-26.0	311.6	14.2	13.2	-12.6	286.8	287.4	0.2	19.1	9.2	135.
12.9	42.6	3651.0	600.0	-23.7	-26.4	310.9	18.5	14.0	-12.1	288.7	289.3	0.2	19.7	10.3	135.
14.7	45.2	3791.0	575.0	-25.1	-25.1	310.3	20.6	15.7	-13.3	290.3	290.9	0.2	19.9	11.6	134.
15.1	46.6	3931.1	550.0	-27.8	-24.9	308.1	19.4	16.1	-10.9	291.1	291.6	0.1	20.4	13.0	134.
16.3	48.6	4074.5	525.0	-30.6	-24.5	293.0	19.2	17.7	-7.5	291.6	292.2	0.2	33.3	14.3	132.
17.4	50.0	5259.1	500.0	-33.4	-23.0	290.3	20.2	14.9	-7.0	292.3	293.2	0.3	65.6	15.6	130.
18.7	50.1	5417.4	475.0	-35.8	-23.4	293.2	21.4	19.7	-8.4	291.6	294.6	0.3	65.3	17.2	129.
20.2	61.7	5991.7	450.0	-38.0	-20.6	293.3	21.4	14.6	-8.5	295.4	296.2	0.2	74.5	18.8	127.
21.6	67.6	6181.1	425.0	-40.7	-20.9	291.7	21.6	20.1	-8.1	296.9	299.9	0.9	99.9	20.6	126.
23.1	69.1	6747.4	400.0	-44.5	-20.7	291.2	23.7	21.6	-8.4	297.1	299.9	0.9	99.9	22.5	125.
24.8	73.0	7271.2	375.0	-48.0	-20.9	285.7	21.0	20.3	-5.3	298.0	299.9	0.9	99.9	24.7	123.
26.5	77.2	7674.5	350.0	-49.8	-20.9	295.7	19.5	17.6	-8.4	301.6	299.9	0.9	94.0	26.7	122.
28.1	81.4	8157.7	325.0	-52.5	-20.0	297.4	19.0	17.4	-9.0	304.1	299.9	0.9	99.9	28.9	122.
30.1	87.0	9063.5	300.0	-50.8	-20.9	297.3	19.4	17.3	-9.1	305.3	299.9	0.9	99.9	31.1	122.
32.1	91.0	9217.4	275.0	-59.8	-20.9	292.1	19.5	14.0	-7.3	308.7	299.9	0.9	99.9	33.3	121.
34.2	94.0	9415.7	250.0	-50.5	-20.9	300.1	19.6	16.9	-9.8	312.1	299.9	0.9	99.9	35.8	121.
36.1	101.5	10449.7	225.0	-53.5	-20.9	305.8	19.8	16.1	-11.6	316.5	299.9	0.9	99.9	39.1	121.
39.2	107.5	11249.5	200.0	-51.7	-20.9	298.2	21.3	14.4	-8.7	35	299.9	0.9	99.9	42.1	121.
42.3	114.0	12116.9	175.0	-51.3	-20.9	298.6	19.5	14.5	-6.2	75	299.9	0.9	99.9	45.9	120.
45.3	121.3	13121.3	150.0	-50.6	-20.9	298.2	19.2	17.3	-4.1	302.9	299.9	0.9	99.9	50.1	120.
47.4	126.1	14335.7	125.0	-51.9	-20.9	303.1	18.7	12.3	-6.0	401.1	299.9	0.9	99.9	55.3	120.
50.1	130.3	15737.7	100.0	-54.1	-20.9	295.0	18.6	17.6	-8.2	423.3	299.9	0.9	99.9	59.7	120.
53.8	144.0	17574.1	75.0	-54.7	-20.9	297.7	15.5	13.8	-7.1	454.1	299.9	0.9	99.9	64.2	119.
57.9	152.3	20121.0	50.0	-60.4	-20.9	302.4	15.3	17.9	-8.2	500.2	299.9	0.9	99.9	75.0	119.
99.9	99.7	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPLIT WIND - ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY TOPPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D6 FEBRU. / 1975  
1715 GMT

TIME MIN	CNCT	HEIGHT GPM	PPFS MB	TEMP DG C	DEW PT DG C	DIR DG	SHFCD M/SIC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MK RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.4	946.7	908.0	-13.3	-21.5	110.0	1.5	-1.4	0.5	267.1	269.2	0.8	50.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	15.1	1041.2	900.0	-12.8	-22.6	99.9	99.9	99.9	99.9	268.4	270.3	0.7	43.5	999.9	999.9
0.9	17.7	1235.9	875.0	-13.6	-23.1	99.9	99.9	99.9	99.9	269.7	271.6	0.7	44.3	999.9	999.9
1.7	20.1	1477.9	850.0	-10.7	-27.0	99.9	99.9	99.9	99.9	275.0	276.4	0.5	24.7	999.9	999.9
2.3	25.8	1706.9	825.0	-11.9	-30.8	99.9	99.9	99.9	99.9	276.0	277.1	0.3	18.9	999.9	999.9
3.0	25.4	1941.7	800.0	-13.2	-34.1	320.3	19.0	12.1	-14.6	277.1	277.9	0.3	15.4	1.5	131.
3.9	26.3	2131.0	775.0	-14.0	-35.5	319.4	23.8	11.5	-18.1	278.8	279.5	0.2	14.1	2.6	136.
4.4	30.8	2431.6	750.0	-14.9	-37.2	316.0	24.3	16.8	-17.4	280.4	281.0	0.2	12.8	3.6	136.
5.4	33.6	2647.3	725.0	-16.4	-37.6	317.9	25.4	17.0	-18.8	281.5	282.2	0.2	13.9	4.8	136.
6.3	36.3	2830.5	700.0	-17.1	-36.6	320.9	24.6	15.5	-19.1	282.5	284.3	0.6	17.6	6.1	137.
7.2	39.3	3222.8	675.0	-17.5	-38.4	322.6	25.3	15.4	-20.1	286.1	286.8	0.2	14.4	7.5	137.
8.0	42.0	3504.6	650.0	-18.9	-33.6	323.8	26.2	14.5	-21.2	287.6	288.6	0.3	25.9	8.8	139.
8.9	45.1	3795.7	625.0	-20.8	-26.1	323.5	27.8	17.2	-23.2	289.7	290.9	0.7	62.0	10.3	139.
9.9	48.3	4096.4	600.0	-22.8	-23.6	323.3	27.2	16.2	-21.8	289.8	292.6	0.9	93.1	11.9	140.
10.8	51.3	4407.1	575.0	-25.0	-29.8	322.9	24.0	14.5	-19.2	290.8	292.5	0.6	64.7	13.3	140.
11.8	54.5	4730.0	550.0	-26.6	-42.3	319.7	23.8	15.4	-18.2	293.7	294.3	0.2	19.0	14.8	140.
12.9	57.7	5066.8	525.0	-26.5	-42.2	315.8	26.0	18.1	-18.6	296.5	297.1	0.2	21.0	16.3	140.
13.9	61.1	5417.3	500.0	-29.2	-37.9	314.3	25.4	18.2	-17.7	297.5	298.4	0.3	42.4	18.0	140.
14.9	64.7	5781.2	475.0	-30.9	-42.6	314.8	22.3	15.8	-15.7	299.7	300.4	0.2	30.2	19.4	139.
16.0	67.1	6154.4	450.0	-33.8	-44.4	314.9	24.9	17.6	-17.6	307.7	301.2	0.2	33.3	20.8	139.
17.1	71.7	6462.5	425.0	-37.1	-45.4	317.3	28.9	19.6	-21.3	301.5	302.0	0.2	41.2	22.6	139.
18.4	75.7	6978.4	400.0	-40.7	-49.4	317.2	30.4	20.7	-22.3	302.0	302.9	99.9	99.9	24.9	139.
19.7	79.7	7414.0	375.0	-44.3	-49.9	316.8	29.9	20.5	-21.8	302.9	302.9	99.9	99.9	27.3	138.
21.1	83.8	7872.4	350.0	-48.5	-49.9	316.9	32.9	22.5	-24.0	303.3	303.3	99.9	99.9	30.0	138.
22.7	87.3	8345.9	325.0	-52.8	-49.9	316.5	34.2	23.5	-24.8	304.0	304.0	99.9	99.9	33.1	138.
24.2	92.4	8808.2	300.0	-56.7	-49.9	316.3	34.4	26.4	-28.9	305.4	307.9	99.9	99.9	36.5	138.
25.7	97.3	9414.2	275.0	-60.7	-49.9	316.9	41.3	28.2	-30.1	307.4	309.9	99.9	99.9	40.1	138.
27.6	102.0	10011.1	250.0	-58.4	-49.9	319.7	38.7	21.1	-29.5	319.3	319.3	99.9	99.9	44.2	138.
29.8	107.4	10630.4	225.0	-55.5	-49.9	127.2	33.3	18.0	-28.0	333.5	333.5	99.9	99.9	49.0	139.
31.9	111.0	11435.6	200.0	-53.9	-49.9	314.7	31.9	22.7	-27.5	347.5	347.5	99.9	99.9	53.6	139.
34.6	119.0	12237.5	175.0	-51.8	-49.9	317.7	31.3	21.1	-23.1	364.4	364.4	99.9	99.9	59.5	139.
37.5	125.8	13234.4	150.0	-52.6	-49.9	314.6	21.1	15.0	-14.8	379.4	379.4	99.9	99.9	64.1	138.
41.8	133.0	14461.4	125.0	-54.7	-49.9	315.4	25.1	17.6	-17.9	396.0	396.0	99.9	99.9	69.9	138.
45.6	140.1	15883.3	100.0	-57.5	-49.9	311.1	23.3	17.6	-15.3	416.7	416.7	99.9	99.9	74.9	137.
50.9	143.0	17637.6	75.0	-58.5	-49.9	317.5	16.1	10.9	-11.9	450.2	450.2	99.9	99.9	81.7	138.
57.2	150.0	20249.3	50.0	-61.4	-49.9	314.0	19.5	14.0	-13.5	498.8	498.8	99.9	99.9	87.8	137.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER  
6 FEBRUARY 1975  
1715 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	140.0	994.0	3.1	2.4	240.0	5.2	4.9	-1.9	277.3	289.0	4.6	95.0	0.0	0.
0.4	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.8	336.0	975.0	1.3	0.9	293.9	9.9	9.0	-4.0	276.9	287.7	4.2	97.6	0.4	109.
1.5	10.0	544.7	950.0	-0.0	-0.2	294.4	10.4	9.5	-4.3	277.7	287.9	4.0	98.5	0.9	113.
2.4	11.9	753.0	925.0	-1.5	-1.8	294.5	10.1	9.6	-3.2	278.2	287.6	3.6	98.2	1.4	112.
3.3	14.2	975.9	900.0	-3.1	-3.4	293.1	9.5	9.3	-2.2	278.7	287.4	3.3	97.9	1.9	110.
4.2	16.2	1194.8	875.0	-3.9	-4.2	275.5	9.5	9.5	-0.9	280.2	288.6	3.2	97.7	2.4	108.
5.0	18.5	1427.5	850.0	-4.8	-5.2	259.9	6.9	6.8	1.2	281.5	289.6	3.1	97.7	2.8	105.
6.0	20.6	1662.2	825.0	-5.9	-6.2	246.6	9.7	9.7	0.6	282.7	290.5	2.9	98.0	3.2	102.
6.9	22.9	1901.1	800.0	-5.7	-5.9	258.1	15.6	15.3	3.2	285.5	293.8	3.1	98.3	3.8	100.
7.8	25.2	2152.8	775.0	-5.4	-5.8	247.4	20.7	19.1	7.9	288.4	297.3	3.3	98.5	4.8	93.
8.9	27.5	2404.9	750.0	-6.6	-6.9	248.0	23.1	21.4	8.6	289.8	298.3	3.1	98.4	6.2	87.
9.9	30.0	2674.4	725.0	-7.8	-8.1	251.9	24.7	23.5	7.7	291.2	299.2	2.9	98.0	7.5	84.
11.0	32.0	2940.7	700.0	-9.9	-10.8	252.5	24.4	23.3	7.3	291.8	298.6	2.4	93.7	9.1	82.
11.9	35.2	3220.3	675.0	-12.1	-12.9	252.5	25.4	24.2	7.6	292.3	298.3	2.1	94.0	10.4	81.
13.0	37.6	3514.2	650.0	-14.1	-14.9	249.7	29.5	27.7	10.2	293.2	296.7	1.2	93.6	12.2	79.
14.0	40.3	3811.2	625.0	-15.1	-15.8	247.5	36.8	34.0	14.1	295.3	297.6	0.7	39.6	14.2	78.
15.1	42.9	4114.4	600.0	-15.5	-16.4	246.2	42.7	39.1	17.2	298.3	302.0	1.2	63.5	17.3	76.
16.7	45.8	4440.2	575.0	-17.0	-17.8	242.6	43.4	38.6	20.0	300.2	304.1	1.3	71.9	20.9	74.
17.9	48.8	4772.7	550.0	-19.2	-19.1	239.5	40.7	35.1	20.6	301.4	305.1	1.2	77.5	23.8	72.
19.0	51.0	5117.2	525.0	-21.6	-21.5	241.1	56.4	49.4	27.2	302.6	305.7	1.0	76.8	26.8	71.
20.2	54.7	5473.9	500.0	-22.4	-22.4	240.4	36.1	44.0	27.4	305.8	307.8	0.6	48.5	31.3	70.
21.7	57.8	5831.9	475.0	-24.3	-24.3	244.4	60.7	54.8	26.2	304.0	310.0	0.6	56.2	35.1	69.
23.2	61.1	6244.7	450.0	-26.1	-26.1	246.7	50.1	46.0	19.8	310.5	312.8	0.7	69.7	42.3	68.
24.2	64.8	6606.9	425.0	-28.4	-28.4	245.0	48.8	35.2	16.4	312.4	314.8	0.7	84.9	44.7	68.
26.1	68.0	7014.1	400.0	-31.9	-31.9	246.0	47.5	39.1	19.6	313.5	315.2	0.5	80.7	50.1	68.
27.7	71.6	7423.3	375.0	-34.4	-34.4	246.0	47.5	39.1	16.7	317.1	317.7	0.2	40.0	70.1	67.
29.1	75.5	7821.2	350.0	-36.2	-36.2	241.5	26.9	21.1	16.7	317.1	317.7	0.2	40.0	70.1	67.
31.0	79.7	8246.0	325.0	-41.0	-41.0	239.0	16.3	31.3	18.3	317.4	317.4	0.9	99.9	71.5	66.
32.9	83.8	8659.3	300.0	-48.1	-48.1	23.1	1.8	-0.7	-1.7	317.5	317.5	0.9	99.9	74.2	66.
34.8	88.2	9026.1	275.0	-53.4	-53.4	249.4	78.8	73.7	27.7	317.9	317.9	0.9	99.9	77.6	66.
37.0	93.1	10213.9	250.0	-58.5	-58.5	252.4	90.0	85.7	27.2	322.0	322.0	0.9	99.9	93.0	67.
39.5	98.4	10900.6	225.0	-60.3	-60.3	245.1	137.1	124.0	57.3	332.2	332.2	0.9	99.9	109.3	67.
41.7	104.0	11653.8	200.0	-54.3	-54.3	243.7	138.9	115.8	56.6	346.8	346.8	0.9	99.9	130.7	67.
44.4	110.2	12504.4	175.0	-54.5	-54.5	245.6	97.2	88.5	40.2	360.0	360.0	0.9	99.9	138.7	66.
47.4	117.0	13487.1	150.0	-57.7	-57.7	246.0	84.9	8.1	3.6	370.6	370.6	0.9	99.9	148.1	66.
51.7	125.3	14621.5	125.0	-54.4	-54.4	245.4	83.7	76.1	34.8	387.4	387.4	0.9	99.9	163.8	67.
56.1	133.5	16023.2	100.0	-60.6	-60.6	257.1	50.5	49.2	11.3	410.7	410.7	0.9	99.9	183.5	67.
62.0	142.7	17823.0	75.0	-60.5	-60.5	248.9	83.9	78.2	30.3	446.1	446.1	0.9	99.9	197.8	67.
69.5	153.3	20334.8	50.0	-61.8	-61.8	241.4	26.7	-21.8	-12.1	493.3	493.3	0.9	99.9	176.9	67.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

6 February 1975

2100 GMT

STATION NO. 208  
CHARLESTON, SC6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG A	E POT Y DG K	MX RTO GM/EG	RH PCT	RANGE KM	AZ DG
0-0	5-3	13.0	1007.8	17.2	9.4	260.0	4.1	4.0	0.7	290.7	310.0	7.4	60.0	0.0	0.
0-3	5-3	0.4	1000.0	17.8	9.0	243.4	4.6	4.6	0.5	290.9	310.0	7.2	59.9	0.1	67.
1-1	7-3	294.7	975.0	15.0	8.0	261.8	2.2	2.1	0.3	291.2	304.6	7.0	62.9	0.3	65.
2-0	9-9	914.2	950.0	13.4	8.7	177.9	1.7	-0.1	1.6	291.8	311.5	7.5	73.4	0.4	78.
2-8	11-8	738.3	925.0	11.4	8.1	999.9	99.9	99.9	99.9	291.9	311.3	7.3	79.9	999.9	999.
3-6	14-0	967.2	903.0	10.5	7.1	999.9	99.9	99.9	99.9	293.3	312.0	7.0	70.2	999.9	999.
4-2	16-0	1701.1	875.0	9.6	99.9	999.9	99.9	99.9	99.9	293.8	999.9	99.9	999.9	999.9	999.
5-0	18-2	1441.1	850.0	8.9	99.9	999.9	99.9	99.9	99.9	295.5	999.9	99.9	999.9	999.9	999.
5-7	20-4	1447.2	825.0	7.3	99.9	999.9	99.9	99.9	99.9	296.3	999.9	99.9	999.9	999.9	999.
6-4	22-5	1334.3	803.0	5.1	99.9	999.9	99.9	99.9	99.9	296.6	999.9	99.9	999.9	999.9	999.
7-3	24-7	2136.5	775.0	3.0	99.9	999.9	99.9	99.9	99.9	297.1	999.9	99.9	999.9	999.9	999.
8-1	26-9	2461.0	750.0	1.0	99.9	999.9	99.9	99.9	99.9	298.2	999.9	99.9	999.9	999.9	999.
9-0	29-4	2711.5	725.0	-0.5	-0.7	999.9	99.9	99.9	99.9	299.6	313.7	5.0	98.7	999.9	999.
10-1	31.3	3013.9	700.0	-1.8	-1.3	237.9	25.9	22.0	13.8	301.1	318.6	4.8	101.5	10.0	64.
11-2	34.5	3303.7	675.0	-2.5	-2.5	242.9	25.0	22.3	11.4	303.5	316.9	4.7	101.5	11.4	63.
12-2	36.9	3602.9	650.0	-3.9	-3.9	246.0	26.6	24.3	10.8	305.0	317.7	4.4	101.3	13.0	64.
13-3	39.6	3912.0	625.0	-5.7	-5.7	247.9	30.7	28.4	11.6	306.4	318.0	4.0	101.0	14.8	64.
14-4	42.0	4211.1	600.0	-7.6	-8.1	249.8	32.8	30.8	11.3	307.7	317.9	3.5	96.2	17.0	65.
15-7	45.3	4511.4	575.0	-9.9	-10.0	247.3	35.1	32.4	13.6	308.8	318.1	3.1	98.9	19.5	65.
16-9	47.8	4804.0	550.0	-11.2	-11.2	245.1	38.8	35.2	16.3	311.2	320.1	3.0	100.3	22.2	65.
18-0	50.6	5200.7	525.0	-12.6	-12.7	244.3	41.3	37.2	17.9	313.6	322.1	2.8	100.1	25.0	65.
19-2	53.4	5503.0	500.0	-14.8	-15.0	244.7	49.0	44.3	20.9	315.3	322.7	2.4	98.4	28.2	65.
20-4	56.0	6018.4	475.0	-17.8	-19.6	245.8	45.1	41.2	18.5	316.7	320.1	1.7	85.7	31.7	65.
21-7	59.3	6420.4	450.0	-21.2	-25.8	246.7	46.0	42.1	18.5	316.7	320.1	1.0	65.9	35.4	65.
23-1	63.3	6834.5	425.0	-24.7	-32.8	245.0	51.8	47.1	21.6	317.4	319.3	0.6	46.5	39.4	65.
24-5	66.7	7277.9	400.0	-28.2	-35.5	245.0	51.4	47.2	20.3	318.3	319.9	0.5	44.9	43.6	65.
26-2	70.4	7738.1	375.0	-31.7	-39.7	244.1	52.2	47.2	22.2	319.6	320.7	0.3	43.7	48.8	65.
27-4	74.2	8221.9	350.0	-35.7	-43.6	244.5	59.4	53.7	25.6	320.6	321.4	0.2	43.7	54.3	65.
29-6	78.3	8731.2	325.0	-39.5	-49.4	241.6	54.9	48.3	26.1	322.2	999.9	99.9	999.9	59.6	65.
31-4	82.3	9276.7	300.0	-43.1	-54.9	237.8	63.5	53.8	33.8	324.6	999.9	99.9	999.9	67.1	65.
33-3	86.7	9856.2	275.0	-48.3	-59.9	237.0	42.7	35.8	23.2	325.3	999.9	99.9	999.9	73.4	64.
35-3	91.6	10475.4	250.0	-54.2	-66.3	244.1	88.8	79.9	38.9	325.5	999.9	99.9	999.9	81.1	64.
37-6	96.0	11143.9	225.0	-58.8	-72.9	245.0	34.9	36.2	16.9	328.5	999.9	99.9	999.9	88.1	64.
40-4	102.0	11875.5	200.0	-63.2	-79.9	243.8	91.2	81.9	40.3	332.6	999.9	99.9	999.9	102.3	64.
43-5	108.3	12715.1	175.0	-65.5	-85.9	250.8	62.4	58.9	20.8	358.4	999.9	99.9	999.9	112.0	64.
47-3	115.0	13695.1	150.0	-67.2	-90.9	250.8	44.2	41.7	14.6	371.6	999.9	99.9	999.9	126.4	65.
51-1	122.5	14830.8	125.0	-63.6	-99.9	243.8	52.8	47.4	23.3	379.8	999.9	99.9	999.9	139.6	65.
56-2	131.0	16193.7	100.0	-65.6	-99.9	244.0	44.2	39.7	19.4	401.0	999.9	99.9	999.9	152.8	65.
62-5	140.3	17424.4	75.0	-67.9	-99.9	250.9	47.7	45.1	15.6	430.6	999.9	99.9	999.9	168.4	65.
70-7	152.3	21412.2	50.0	-64.2	-99.9	304.2	9.1	7.5	-5.1	402.3	999.9	99.9	999.9	178.6	65.
84-0	161.5	24682.5	25.0	-60.4	-99.9	276.6	7.3	7.3	-0.8	411.3	999.9	99.9	999.9	201.9	66.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 °° BY SPEED MEANS ELEVATION ANGLE LFSS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA6 FEBRUARY 1975  
2030 GMT

152 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	8.0	1010.6	22.9	18.7	219.0	7.2	4.1	5.9	297.0	332.4	13.5	77.0	0.0	0.
0.2	6.0	170.2	1000.0	23.1	17.9	214.6	13.0	7.4	10.7	298.1	332.5	13.1	72.6	0.3	32.
1.0	8.1	320.4	975.0	20.7	16.0	217.4	13.6	8.4	10.7	297.6	330.0	12.3	77.6	0.7	34.
1.8	10.5	545.4	950.0	19.3	13.5	220.1	18.3	10.5	17.5	295.2	325.6	10.3	69.1	1.4	37.
2.6	12.7	774.6	925.0	18.2	11.7	221.3	15.7	10.4	11.8	299.2	324.4	9.4	65.6	2.2	38.
3.3	15.1	1003.0	900.0	16.5	11.3	229.0	13.8	10.4	9.1	299.7	325.1	9.4	71.5	2.9	39.
4.3	17.3	1248.4	875.0	15.0	10.4	234.3	15.1	12.2	8.9	300.7	326.1	9.4	76.0	3.7	42.
5.1	19.7	1498.0	850.0	13.1	9.4	236.0	15.9	12.9	9.4	301.1	325.8	9.1	81.0	4.5	44.
6.1	22.7	1744.9	825.0	11.1	10.2	238.8	15.2	11.8	9.6	301.6	327.4	9.5	94.0	5.3	46.
7.0	24.3	2001.4	800.0	9.0	6.0	231.7	17.8	11.9	11.0	301.8	325.0	8.5	93.6	6.3	47.
8.1	26.5	2264.4	775.0	6.6	5.4	228.2	16.9	12.6	11.3	303.0	324.4	7.3	80.7	7.4	47.
9.1	28.4	2535.8	750.0	4.5	3.5	230.5	17.8	13.8	11.3	303.8	323.3	6.6	79.6	8.4	47.
10.1	30.3	2817.5	725.0	4.5	2.7	236.7	17.2	14.4	9.5	305.2	323.4	6.4	87.8	9.5	48.
11.0	34.3	3118.8	700.0	2.1	0.2	241.3	17.1	15.0	8.2	305.5	321.3	5.6	87.0	10.4	49.
12.0	37.3	3392.0	675.0	-0.0	-1.7	246.5	18.6	17.0	7.4	306.2	320.7	5.0	88.8	11.4	50.
12.9	40.1	3623.7	650.0	-1.0	-10.5	249.1	19.1	17.8	6.8	307.5	315.4	2.6	50.5	12.4	52.
13.9	42.8	4004.9	625.0	-4.1	-10.4	247.8	20.6	20.1	4.4	308.1	318.5	2.8	61.5	13.5	54.
15.1	45.7	4376.3	600.0	-5.1	-8.2	254.0	22.5	21.7	6.2	310.7	321.0	3.4	78.4	14.9	56.
16.4	48.7	4600.1	575.0	-7.0	-13.3	249.8	24.0	22.5	6.3	312.0	319.3	2.4	60.7	16.6	57.
17.7	51.5	5006.0	550.0	-8.4	-17.1	247.7	24.1	22.3	9.1	315.4	320.1	1.8	49.1	18.5	59.
19.0	54.6	5366.0	525.0	-10.2	-19.4	243.4	24.5	23.7	11.9	316.3	321.3	1.6	46.8	20.5	59.
20.3	57.7	5740.5	500.0	-12.7	-29.0	242.6	25.9	23.0	11.9	317.6	319.9	0.7	24.0	22.5	60.
21.6	61.0	6129.8	475.0	-15.7	-18.0	243.0	26.8	25.0	9.6	318.8	325.0	1.9	82.1	24.6	61.
22.4	64.5	6515.9	450.0	-18.4	-21.1	258.3	24.9	24.3	5.0	320.2	325.3	1.6	79.2	26.5	61.
24.1	67.9	6960.6	425.0	-21.1	-25.5	262.1	25.6	25.4	3.5	322.0	325.8	1.1	67.6	28.2	62.
25.5	71.3	7405.6	400.0	-24.2	-27.8	262.6	24.8	24.6	3.2	323.6	326.9	1.0	72.2	30.2	64.
27.1	75.0	7942.2	375.0	-28.6	-34.5	265.7	22.5	22.3	2.9	326.4	328.3	0.5	47.0	32.3	65.
28.9	79.3	8364.4	350.0	-30.4	-34.4	265.3	27.7	27.6	2.3	327.7	328.9	0.3	38.8	34.9	66.
30.7	82.9	8891.3	325.0	-34.6	-43.6	268.5	32.1	32.1	0.8	328.9	329.8	0.2	39.0	38.1	68.
32.5	87.3	9444.6	300.0	-39.3	-45.9	268.7	28.2	28.1	0.6	329.9	330.7	0.2	49.1	41.2	70.
34.3	91.5	10014.5	275.0	-44.3	-49.2	259.6	28.2	27.8	5.1	331.1	999.9	99.9	99.9	44.1	71.
36.4	96.0	10605.2	250.0	-49.7	-49.4	251.4	28.0	26.6	8.9	332.1	999.9	99.9	99.9	47.6	71.
39.0	101.0	11346.7	225.0	-54.9	-49.9	251.7	40.1	38.1	12.6	334.4	999.9	99.9	99.9	53.1	71.
41.7	105.5	12096.8	200.0	-55.7	-49.9	239.0	42.3	44.8	26.9	334.6	999.9	99.9	99.9	60.0	70.
44.8	112.3	12400.4	175.0	-57.7	-49.4	240.4	54.08	50.9	28.7	354.7	999.9	99.9	99.9	70.2	69.
48.4	118.5	13005.3	150.0	-67.5	-49.3	241.1	44.16	48.6	21.3	362.4	999.9	99.9	99.9	82.6	67.
52.8	125.5	15312.8	125.0	-67.9	-49.7	250.2	45.4	45.4	16.4	372.1	999.9	99.9	99.9	97.6	67.
57.7	132.7	16333.5	100.0	-69.1	-49.4	252.2	42.28	40.1	12.9	394.3	999.9	99.9	99.9	109.3	67.
63.7	140.3	14199.4	75.0	-70.3	-49.4	241.9	18.98	16.7	8.9	423.6	999.9	99.9	99.9	124.8	67.
72.8	147.5	21305.4	50.0	-83.6	-49.4	250.0	30.28	29.3	7.3	493.8	999.9	99.9	99.9	133.8	68.
85.9	155.0	24818.8	25.0	-88.5	-49.9	257.6	30.18	29.4	6.4	610.6	999.9	99.9	99.9	148.5	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 213  
WAYCROSS, GAA FEBRUARY 1975  
2100 GMTORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	WFLGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT Y DG K	MK RTO GM/KG	RM PCT	RANGE KM	AZ OG
0-0	4-1	44-0	1304-1	16-0	14-4	310-0	2-6	2-0	-1-7	292-2	319-9	10-7	82-0	0-0	0-
0-2	4-7	79-1	1000-0	17-4	14-6	280-6	1-9	1-4	-0-4	292-0	314-3	10-5	83-4	0-0	23-
1-0	6-6	255-2	975-0	15-4	14-5	287-4	3-5	3-2	1-3	292-1	319-9	10-7	94-1	0-1	60-
1-7	9-4	513-6	950-0	14-5	8-1	264-9	7-2	7-2	0-6	292-9	312-0	7-2	65-9	0-4	70-
2-5	10-7	740-8	925-0	13-4	1-5	275-4	10-3	10-2	-1-0	293-8	308-3	5-3	50-8	0-8	81-
3-3	13-1	970-8	900-0	11-6	2-3	278-9	12-6	12-5	-2-0	294-1	307-8	5-0	52-9	1-3	89-
4-2	15-4	1206-2	875-0	11-2	-5-7	269-9	15-2	15-2	0-0	295-8	304-4	3-0	51-7	2-0	91-
5-1	17-0	1447-1	850-0	9-8	-10-3	264-6	15-9	15-9	0-1	296-7	302-7	2-1	23-1	2-9	90-
6-0	20-3	1748-2	825-0	8-2	-10-2	262-3	14-8	14-6	2-0	297-5	303-7	2-1	25-8	3-7	90-
6-8	22-2	1947-3	800-0	6-2	-9-1	263-2	16-3	16-2	1-9	298-1	305-2	2-4	32-9	4-4	88-
7-6	24-7	2206-4	775-0	4-7	-9-1	259-2	19-0	18-6	3-6	299-2	306-6	2-6	37-5	5-4	88-
8-7	27-1	2473-4	750-0	3-8	-1-2	251-6	24-1	22-9	7-6	301-3	314-6	4-7	69-9	6-7	85-
9-7	29-7	2769-1	725-0	2-9	1-4	249-5	27-5	25-8	9-6	303-3	320-3	6-1	94-2	8-2	82-
10-7	32-4	3033-0	700-0	1-0	0-6	250-2	29-7	27-9	10-1	304-3	320-4	5-7	97-2	9-8	80-
11-7	34-2	335-2	675-0	-0-3	-0-8	250-0	32-7	30-7	11-2	305-9	321-3	5-4	96-7	11-6	79-
12-7	37-3	3676-6	650-0	-2-4	-2-7	246-4	35-3	32-4	14-1	306-9	320-8	4-8	97-7	13-7	77-
13-7	40-3	3973-2	625-0	-3-3	-3-5	241-3	36-2	31-7	17-4	309-3	323-1	4-7	98-3	15-8	75-
14-9	43-4	4200-4	600-0	-5-0	-5-6	234-8	38-2	31-3	18-2	310-8	323-3	4-2	96-0	18-3	73-
16-1	46-4	4548-4	575-0	-6-7	-10-0	241-6	40-8	32-3	17-5	312-5	321-9	3-1	76-9	20-8	72-
17-1	49-3	4900-0	550-0	-9-7	-14-6	244-4	43-1	35-2	16-9	312-8	319-8	2-2	67-4	23-1	71-
18-2	52-8	5247-8	525-0	-12-2	-20-2	246-5	46-8	36-5	15-8	313-9	318-6	1-5	51-1	25-8	70-
19-3	56-3	5643-2	500-0	-15-6	-21-4	247-4	41-8	38-6	16-0	314-1	318-3	1-3	58-4	28-4	70-
20-6	59-4	6033-8	475-0	-17-8	-35-2	244-3	42-0	37-9	18-2	315-9	317-3	0-4	20-1	31-5	70-
21-9	63-3	6455-0	450-0	-20-7	-27-1	241-4	43-4	36-3	20-5	317-3	320-3	0-9	56-0	35-0	69-
23-4	66-3	6876-1	425-0	-24-1	-40-0	245-1	44-8	40-6	18-9	318-1	319-0	0-3	21-2	39-1	68-
24-9	70-4	7316-7	400-0	-26-5	-51-7	246-1	46-8	42-9	18-9	320-5	320-8	0-1	7-1	43-1	68-
26-7	74-3	7780-5	375-0	-28-8	-68-4	245-9	57-7	46-1	21-5	323-3	323-4	0-0	1-0	48-1	68-
28-4	78-7	8271-1	350-0	-31-9	-70-4	245-4	49-7	45-2	20-6	325-7	325-7	0-0	1-0	52-9	68-
30-9	82-1	8730-4	325-0	-34-9	-73-1	247-4	52-3	48-3	20-1	327-1	327-1	0-0	1-0	58-7	68-
31-5	87-4	9180-4	300-0	-40-8	99-9	237-4	45-5	38-4	24-5	327-9	999-9	99-9	999-9	63-0	67-
33-3	97-4	9476-8	275-0	-45-8	99-9	232-9	51-5	41-1	31-1	328-9	997-9	99-9	999-9	67-2	66-
35-2	97-3	1053-6	250-0	-51-2	99-9	224-1	47-0	35-5	30-7	329-9	999-9	99-9	999-9	74-4	65-
37-3	103-0	11278-4	225-0	-57-4	99-9	227-5	53-9	39-8	36-4	330-6	999-9	9-9	999-9	80-8	64-
39-8	109-3	11463-6	200-0	-63-4	99-9	230-7	66-7	51-6	42-3	332-4	999-9	99-9	999-9	88-8	62-
42-6	115-5	12795-6	175-0	-68-7	99-9	240-6	63-0	54-9	30-9	353-0	999-9	99-9	999-9	99-2	61-
46-0	122-7	13753-1	150-0	-60-8	99-9	247-9	68-7	63-7	25-8	365-4	999-9	99-9	999-9	115-1	62-
49-7	130-3	14861-4	125-0	-63-9	99-9	251-7	65-8	47-1	14-2	379-3	999-9	99-9	999-9	127-5	63-
54-1	136-0	16282-1	100-0	-66-8	99-9	243-6	72-5	64-9	32-3	398-7	999-9	99-9	999-9	141-6	63-
58-5	145-7	17970-4	75-0	-67-2	99-9	247-5	40-3	37-3	15-3	432-0	999-9	99-9	999-9	159-2	64-
67-4	154-2	20482-2	50-0	-63-4	99-9	99-9	99-9	99-9	99-9	494-2	999-9	99-9	999-9	999-9	999-9
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1974  
2100 GMT

TIME MIN	CNCTY	HIGHT GFM	PRES MH	TEMP DU C	DEW PT DU C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	MUT T DG K	E PNT Y DG K	MX PTD GM/KG	RM PCT	RANGE KN	AZ DG
0.0	7.9	11.3	1011.7	16.6	14.4	260.0	1.0	1.0	0.7	290.2	316.7	10.3	87.0	0.0	0.
0.5	4.3	13.5	1000.0	14.8	11.0	499.9	99.9	99.9	99.9	289.1	310.6	8.3	78.2	999.9	999.
1.2	6.5	119.9	975.0	14.3	6.6	999.9	99.9	99.9	99.9	290.4	307.2	6.4	60.8	999.9	999.
1.9	P.4	514.3	950.0	13.8	2.5	105.1	10.0	6.2	-5.6	291.9	305.0	4.6	44.3	0.6	121.
2.4	10.1	763.4	924.0	13.2	3.7	243.0	11.4	10.5	-4.5	293.5	307.6	5.2	50.7	1.4	120.
3.7	12.2	944.0	900.0	12.3	2.5	283.0	12.0	11.7	-2.7	294.9	308.9	5.1	51.1	2.0	116.
4.5	14.3	1279.4	875.0	10.7	-5.9	278.7	12.5	12.3	-1.9	295.2	303.2	2.8	30.6	2.6	113.
5.4	16.2	1470.4	850.0	9.5	-2.7	266.1	13.1	17.1	0.9	296.6	307.3	3.8	43.9	3.2	109.
6.2	18.1	1718.1	825.0	8.5	8.0	256.7	16.7	16.2	4.0	298.6	320.6	8.2	96.6	3.9	104.
7.2	20.3	1972.5	800.0	7.0	5.6	253.6	18.2	17.5	5.1	299.6	319.2	7.2	90.6	4.8	98.
8.0	22.6	2233.7	775.0	6.1	4.3	252.4	21.4	20.6	5.7	301.3	319.9	6.7	87.9	5.7	94.
9.0	24.4	2522.0	750.0	4.1	3.4	249.3	23.3	21.8	4.2	301.9	320.0	6.5	94.8	6.9	90.
9.9	27.0	2777.4	725.0	2.2	2.0	243.3	24.1	21.6	10.8	302.7	319.6	6.1	98.7	8.2	86.
10.4	29.4	3011.1	700.0	0.7	0.5	242.7	24.5	21.8	11.3	304.0	320.1	5.7	98.5	9.5	83.
11.9	31.4	3333.1	675.0	-0.6	-0.4	243.3	24.4	21.8	10.9	305.7	320.9	5.4	98.2	10.9	80.
12.9	34.3	3644.0	650.0	-2.1	-2.1	242.5	26.8	23.7	12.4	307.2	321.6	5.0	98.0	12.4	78.
13.8	36.5	3966.2	625.0	-3.1	-3.6	239.7	28.1	24.3	14.2	309.2	322.9	4.7	97.8	13.9	76.
15.1	39.1	4288.1	600.0	-5.6	-6.6	239.7	33.1	29.6	16.7	310.1	321.8	3.9	93.5	15.9	74.
16.4	41.4	4620.3	575.0	-8.6	-15.4	242.1	34.0	30.0	15.9	310.2	316.4	2.0	58.0	18.6	72.
17.4	44.2	4944.7	550.0	-9.8	-14.7	245.0	36.3	32.9	15.3	312.7	314.6	2.2	67.6	21.2	71.
19.0	47.1	5311.6	525.0	-13.9	-35.4	243.0	44.8	31.1	15.6	311.8	313.0	0.4	14.5	24.1	70.
20.3	50.7	5649.9	500.0	-16.4	-45.7	243.9	37.8	33.9	16.6	312.9	313.4	0.1	5.9	26.9	69.
21.5	52.0	6074.4	475.0	-18.3	-50.2	245.0	35.7	32.4	15.1	315.3	315.6	0.1	4.1	29.7	69.
22.4	55.4	6476.5	450.0	-20.4	-50.1	243.1	36.7	32.8	16.6	317.5	317.8	0.1	5.1	32.7	69.
24.4	58.3	6847.8	425.0	-22.5	-64.3	240.9	38.8	33.9	18.9	320.1	320.1	0.0	1.0	35.9	68.
26.0	62.3	7140.0	400.0	-25.2	-66.0	241.1	35.7	31.2	17.2	322.1	322.2	0.0	1.0	39.6	67.
27.8	65.4	7405.8	375.0	-28.7	-66.3	244.6	33.0	29.6	14.2	323.6	323.6	0.0	1.0	43.4	67.
29.4	68.2	7725.8	350.0	-32.4	-70.9	242.6	38.0	32.0	16.6	324.7	324.7	0.0	1.0	46.8	67.
31.0	72.1	8017.6	325.0	-36.4	-64.4	238.4	38.7	31.0	20.3	326.4	326.5	0.0	3.8	50.2	66.
32.8	76.3	8313.5	300.0	-41.3	99.2	232.3	35.0	28.2	21.8	327.2	327.2	99.9	999.9	53.9	65.
34.5	80.3	8644.3	275.0	-46.1	99.9	222.8	36.0	24.9	26.9	328.4	328.4	99.9	999.9	57.7	64.
36.5	84.5	9074.5	250.0	-51.2	99.9	216.6	35.9	21.4	28.8	330.0	330.0	99.9	999.9	61.9	63.
38.5	88.1	9574.5	225.0	-57.4	99.9	212.1	36.8	19.6	31.1	330.6	330.6	99.9	999.9	66.4	60.
41.3	94.1	11067.8	200.0	-63.8	99.2	215.3	37.9	21.9	30.0	331.7	331.7	99.9	999.9	70.6	59.
44.1	99.8	12408.3	175.0	-60.0	99.2	229.2	63.9	48.9	41.2	350.9	350.9	99.9	999.9	76.3	57.
47.3	105.8	13747.0	150.0	-62.1	99.9	233.3	52.4	42.0	31.3	363.2	363.2	99.9	999.9	81.6	56.
51.5	112.7	14444.0	125.0	-65.4	99.9	241.6	34.4	34.4	18.6	376.6	376.6	99.9	999.9	100.6	56.
55.9	121.0	16216.0	100.0	-68.8	99.9	240.6	59.8	52.1	29.4	398.7	398.7	99.9	999.9	112.1	57.
61.2	131.3	17951.1	75.0	-68.5	99.9	244.9	32.9	29.4	13.8	429.3	429.3	99.9	999.9	126.3	58.
70.5	141.7	23401.4	50.0	-65.1	99.9	238.6	34.9	29.4	18.2	490.0	490.0	99.9	999.9	147.4	58.
99.9	49.4	49.4	25.0	94.9	99.9	49.4	99.9	99.9	49.9	49.9	999.9	999.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTREVILLE, ALA6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT 1 DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.3	140.0	999.5	4.7	0.3	280.0	4.1	4.0	-0.7	278.4	288.5	3.9	73.0	0.0	0.
00.9	0.4	94.9	1000.0	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.5	0.5	141.7	975.0	2.6	-2.5	999.9	99.9	99.9	99.9	278.2	286.7	3.3	68.9	999.9	999.9
1.1	10.5	51.2	950.0	0.3	-2.3	999.9	99.9	99.9	99.9	277.9	286.7	3.4	62.7	999.9	999.9
1.9	12.9	76.2	925.0	-2.0	-3.2	999.9	99.9	99.9	99.9	277.7	286.7	3.3	91.5	999.9	999.9
3.0	15.2	41.3	900.0	-4.1	-4.6	308.4	11.4	8.9	-7.1	277.7	285.7	3.1	97.8	1.7	131.
3.9	17.4	170.5	875.0	-5.1	-5.5	300.5	12.0	10.3	-6.1	278.9	286.5	2.9	97.0	2.3	110.
4.5	19.7	141.0	850.0	-2.5	-11.2	293.4	14.2	13.0	-5.6	283.8	289.1	1.9	51.1	2.8	17.0
5.3	21.9	109.4	825.0	-1.8	-10.1	284.7	16.6	16.1	-4.2	286.9	292.9	2.1	52.9	3.5	17.0
6.2	24.3	111.4	800.0	-2.5	-23.7	276.7	19.1	18.9	-2.2	288.5	290.6	0.7	17.7	4.4	119.
7.2	26.7	216.5	775.0	-2.8	-24.4	274.5	22.6	22.2	-3.7	290.8	292.9	0.7	17.0	5.6	11.0
8.2	29.3	242.5	750.0	-4.2	-25.8	275.8	23.6	23.5	-2.4	292.1	294.0	0.6	16.7	6.9	11.0
9.2	31.9	261.4	725.0	-5.0	-27.3	264.4	25.2	25.2	0.1	294.0	295.7	0.6	15.4	8.3	108.
10.2	34.6	276.4	700.0	-6.4	-25.0	264.3	28.5	28.4	2.8	295.5	297.6	0.7	20.7	9.8	103.
11.2	37.0	323.7	675.0	-8.2	-21.1	261.3	31.5	32.6	5.0	296.6	299.8	1.0	34.3	11.6	101.
12.3	39.9	342.0	650.0	-9.6	-31.3	262.1	33.8	33.5	4.6	298.1	299.5	0.4	15.1	13.6	98.
13.5	42.4	346.7	625.0	-10.4	-31.9	264.1	34.0	33.8	4.0	300.5	301.9	0.4	15.2	16.2	96.
14.6	45.3	415.6	600.0	-12.8	-24.0	261.0	46.7	46.2	7.3	301.4	304.3	0.9	38.5	18.9	94.
15.6	48.3	442.0	575.0	-12.7	-24.2	258.4	47.1	45.4	12.6	305.2	308.2	0.9	37.3	21.9	92.
16.8	51.1	492.0	550.0	-14.1	-21.7	251.1	50.5	47.8	16.4	307.5	311.3	1.2	52.2	24.9	89.
18.0	54.1	512.1	525.0	-16.8	-23.4	252.3	55.3	52.6	16.8	308.3	311.8	1.1	57.0	29.3	87.
19.2	57.1	513.0	500.0	-18.5	-23.2	251.1	48.9	46.3	15.8	310.6	314.4	1.2	65.8	32.2	85.
20.6	60.6	521.3	475.0	-20.1	-27.5	251.4	64.0	61.2	20.7	311.2	315.9	0.8	51.4	36.8	83.
21.9	63.7	531.4	450.0	-21.9	-36.1	249.2	57.7	53.9	20.4	315.6	317.0	0.4	26.1	41.4	82.
23.4	67.1	576.0	425.0	-25.2	-38.9	249.1	53.7	50.5	18.5	316.6	317.7	0.3	26.5	46.9	80.
25.2	70.7	717.5	400.0	-28.5	-47.0	254.0	63.0	60.6	17.3	317.9	318.5	0.1	15.0	52.5	79.
27.0	74.2	743.9	375.0	-36.7	-53.5	249.7	85.9	80.6	29.7	319.2	319.6	0.1	13.8	59.7	78.
30.4	81.3	1621.9	325.0	-41.4	99.9	249.0	61.7	57.6	22.1	319.6	999.9	99.9	99.9	72.9	77.
32.1	85.8	3160.1	300.0	-45.3	99.9	250.8	70.6	66.7	23.2	321.5	999.9	99.9	99.9	80.7	76.
34.2	90.2	9716.7	275.0	-49.7	99.9	255.6	57.1	55.2	14.4	323.3	999.9	99.9	99.9	89.6	76.
36.5	95.0	10151.0	250.0	-53.7	99.9	261.9	67.4	62.8	9.7	326.3	999.9	99.9	99.9	99.6	76.
38.9	99.4	11324.1	225.0	-58.5	99.9	252.8	54.2	51.8	16.0	331.9	999.9	99.9	99.9	108.2	72.
41.6	104.0	11769.5	200.0	-58.5	99.9	230.7	57.1	44.2	36.2	343.3	999.9	99.9	99.9	121.1	75.
44.3	110.6	12615.2	175.0	-59.0	99.9	251.1	70.7	66.9	23.0	356.2	999.9	99.9	99.9	132.4	74.
47.9	116.7	13573.1	150.0	-59.8	99.9	249.1	64.4	60.2	22.7	367.1	999.9	99.9	99.9	145.9	74.
51.4	123.7	14711.4	125.0	-61.7	99.9	254.7	43.3	41.8	11.4	383.3	999.9	99.9	99.9	163.8	74.
56.7	131.3	16085.5	100.0	-65.3	99.9	257.8	53.1	51.9	11.2	401.7	999.9	99.9	99.9	178.6	74.
62.7	139.0	17450.1	75.0	-63.7	99.9	37.7	53.1	51.9	-7.5	439.3	999.9	99.9	99.9	187.7	74.
71.4	147.3	20154.0	50.0	-62.8	99.9	346.4	71.0	1.7	-6.9	495.7	999.9	99.9	99.9	202.9	74.
83.5	156.0	24631.7	25.0	-60.0	99.9	257.1	72.5	70.7	14.2	612.2	999.9	99.9	99.9	218.5	74.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BROOKVILLE, LA

4 FEBRUARY 1975  
2100 GMT

TIME MIN	CNTCT	WGTGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIN DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0-0	5-2	1-0	1015.5	15.6	8.4	330.0	5.1	2.6	-4.4	286.4	306.2	6.8	62.0	0.0	0.
0-5	6-4	131.0	1000.0	12.9	5.8	343.4	10.3	3.0	-4.9	286.8	302.0	5.8	62.2	0.3	156.
1-2	8-5	343.1	975.0	10.9	5.6	343.3	10.9	3.1	-10.4	286.9	302.2	5.9	69.4	0.7	160.
2-0	10-9	554.1	950.0	8.9	5.5	336.6	10.9	4.3	-10.0	287.0	302.7	6.0	79.3	1.2	161.
2-7	13-0	772.6	925.0	9.3	-5.4	321.7	12.4	7.7	-9.7	289.2	296.7	2.7	34.4	1.8	158.
3-5	14-3	1007.3	900.0	9.3	-5.2	310.4	13.5	10.2	-8.8	291.4	299.5	2.9	35.5	2.3	152.
4-3	17-4	1240.0	875.0	7.7	-6.8	300.7	14.1	12.1	-7.2	297.1	295.5	2.6	34.9	2.9	47.
5-1	19-9	1478.3	850.0	6.8	-9.7	290.4	14.7	13.7	-5.1	293.5	299.7	2.1	29.6	3.5	141.
5-8	22-1	1723.1	825.0	5.9	-9.1	281.1	18.3	17.9	-3.6	295.1	301.8	2.3	33.4	4.1	135.
6-8	24-3	1474.7	800.0	4.4	2.0	279.4	21.6	21.3	-3.7	296.6	311.8	5.6	84.4	4.9	129.
7-5	26-8	2233.5	775.0	4.4	-1.7	267.3	23.2	23.2	1.1	299.1	311.4	4.4	64.7	5.9	122.
8-3	29-4	2500.6	750.0	3.6	-2.0	259.6	26.3	25.9	4.8	301.1	313.6	4.4	66.6	6.9	116.
9-2	31-9	2775.6	725.0	3.2	-12.1	255.3	26.9	26.0	6.8	303.2	309.5	2.1	31.9	8.1	109.
10-0	34-8	3094.6	700.0	2.0	-13.1	250.1	26.8	26.0	6.4	305.0	310.9	2.0	31.2	9.2	104.
10-9	37-1	3352.0	675.0	0.1	-10.9	258.6	28.6	28.3	5.6	306.0	313.4	2.5	43.2	10.5	101.
11-6	39-3	3653.2	650.0	-2.0	-13.0	257.7	28.9	28.2	6.2	306.9	313.5	2.2	42.7	12.2	98.
12-9	42-4	3943.1	625.0	-4.1	-13.2	260.1	31.0	30.5	5.3	308.0	315.7	2.2	48.9	13.9	95.
14-0	45-3	4283.0	600.0	-5.6	-15.5	260.0	36.2	35.6	6.3	309.8	315.7	1.9	45.6	16.0	94.
15-0	48.1	4613.0	575.0	-7.0	-22.7	256.3	35.4	34.3	6.5	311.9	315.5	1.1	26.6	18.2	92.
16-1	51.0	4952.7	550.0	-10.0	-22.9	253.3	32.5	31.2	9.0	312.3	315.9	1.1	33.9	20.2	90.
17-1	54.1	5314.4	525.0	-12.6	-23.5	252.4	33.2	31.7	9.8	313.3	316.8	1.1	39.6	22.2	88.
18-3	57.3	5690.6	500.0	-15.1	-26.5	256.4	33.9	33.0	7.8	314.7	317.6	0.9	36.9	24.4	87.
19-4	60.3	6077.7	475.0	-16.1	-33.4	257.2	36.0	35.1	8.0	318.1	319.7	0.5	20.9	27.1	86.
20-9	63.7	6467.6	450.0	-18.2	-38.5	253.9	38.7	37.2	10.8	320.3	321.3	0.3	14.9	30.0	85.
22-3	67.0	6907.4	425.0	-21.9	-42.0	249.7	37.4	35.1	13.0	320.9	321.7	0.2	14.1	33.2	84.
23-6	70.5	7350.8	400.0	-25.6	-45.4	251.9	40.4	38.4	12.5	321.7	322.3	0.2	13.6	36.5	82.
25-2	74.1	7815.0	375.0	-29.5	-46.4	249.4	36.2	33.9	12.7	322.5	323.1	0.2	17.5	39.9	82.
26-7	78.0	8332.6	350.0	-34.3	-46.7	256.0	42.4	41.1	10.2	322.5	322.9	0.1	21.3	43.1	81.
28-2	81.7	8817.1	325.0	-38.5	-53.0	260.8	37.3	36.8	6.3	323.5	323.8	0.1	19.8	47.2	81.
29-9	85.9	9351.1	300.0	-43.4	99.9	265.1	31.2	31.0	2.7	324.1	999.9	99.9	99.9	49.9	81.
31-8	90.3	9940.3	275.0	-48.2	99.9	266.7	45.7	45.6	2.6	325.4	999.9	99.9	99.9	55.2	81.
33-9	95.0	10561.3	250.0	-53.1	99.9	264.6	32.7	32.5	3.1	327.1	999.9	99.9	99.9	59.5	82.
35-9	99.4	11233.7	225.0	-55.6	99.9	252.4	41.0	39.1	12.4	333.4	999.9	99.9	99.9	65.0	82.
38-2	105.0	11978.3	200.0	-59.2	99.9	238.5	51.4	43.8	26.9	339.1	999.9	99.9	99.9	70.5	80.
40-8	110.6	12917.0	175.0	-59.2	99.9	246.7	48.8	44.4	18.3	352.2	999.9	99.9	99.9	76.6	78.
43-8	116.4	13781.4	150.0	-59.3	99.9	255.6	46.8	47.3	12.2	364.0	999.9	99.9	99.9	85.1	77.
47-6	124.0	14912.0	125.0	-63.1	99.9	238.8	29.1	24.9	15.1	380.7	999.9	99.9	99.9	90.9	77.
52-1	131.5	16760.3	100.0	-68.0	99.9	256.8	49.7	48.4	11.4	396.3	999.9	99.9	99.9	108.5	76.
57-3	139.7	17744.0	75.0	-67.0	99.9	260.5	19.3	38.8	6.4	432.4	999.9	99.9	99.9	122.3	77.
64-6	148.7	20438.1	50.0	-62.6	99.9	256.1	32.0	31.0	7.7	496.1	999.9	99.9	99.9	133.4	76.
75-2	158.5	23779.2	25.0	-57.7	99.9	253.5	24.9	23.4	7.1	618.9	999.9	99.9	99.9	146.3	76.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 335  
JACKSON, MISS6 FEBRUARY 1975  
2015 GMT

TIME MIN	CHCT	HEIGHT GPD	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.3	100.0	1007.7	2.2	0.4	320.0	5.7	3.7	-4.4	275.3	285.2	3.9	88.0	0.0	0.
0.3	5.3	101.5	1000.0	0.5	-0.4	312.2	10.5	7.8	-7.0	274.1	281.2	3.6	91.0	0.2	136.
1.1	7.3	104.5	975.0	-1.3	-1.5	319.4	9.9	6.5	-7.6	274.3	283.3	3.5	96.6	0.6	135.
1.9	9.4	571.1	950.0	-3.1	-3.1	322.0	10.9	6.7	-8.6	274.4	282.7	3.2	100.4	1.0	140.
2.6	11.3	781.7	925.0	-4.6	-4.6	311.1	10.9	8.2	-7.2	275.0	282.6	2.9	100.2	1.5	139.
3.3	13.5	997.2	903.0	-5.7	-5.7	305.5	12.0	9.7	-6.4	276.0	283.2	2.8	100.0	2.0	136.
4.1	15.5	1219.4	875.0	-4.1	-11.0	305.4	15.1	17.2	-8.8	279.7	284.9	1.9	59.6	2.6	134.
4.9	17.6	1447.7	850.0	-3.6	-15.0	303.3	17.1	16.3	-9.4	282.5	286.4	1.4	40.6	3.4	131.
5.7	19.9	1693.1	825.0	-3.9	-16.7	297.4	17.2	15.3	-7.9	284.7	288.2	1.2	36.0	4.2	129.
6.4	22.3	1926.2	800.0	-4.0	-14.4	288.4	22.6	21.4	-7.3	287.0	289.9	1.0	28.6	5.2	126.
7.3	24.3	2177.1	775.0	-3.2	-24.4	280.9	23.3	27.9	-4.4	290.4	292.5	0.7	17.6	6.2	123.
8.2	26.5	2436.6	750.0	-3.1	-28.0	275.2	23.4	23.3	-2.1	293.2	294.8	0.5	12.5	7.3	118.
9.2	29.0	2704.1	725.0	-4.4	-30.0	271.5	23.7	21.7	-0.6	294.7	296.1	0.4	11.3	8.6	115.
10.1	31.4	2974.8	700.0	-5.4	-32.5	269.1	24.7	24.7	0.4	296.1	297.3	0.4	10.0	9.8	111.
11.1	33.9	3253.5	675.0	-4.0	-35.1	269.1	25.3	25.3	0.4	296.7	297.6	0.3	9.0	11.1	108.
12.1	36.2	3556.5	650.0	-4.2	-33.4	269.8	32.6	32.6	0.1	299.8	300.9	0.3	10.9	12.5	106.
13.0	38.8	3860.5	625.0	-4.5	-32.6	266.0	19.5	39.4	2.4	301.6	302.9	0.4	13.2	14.7	104.
14.1	41.3	4174.7	600.0	-11.5	-27.4	258.5	42.7	41.8	8.5	302.8	303.0	0.7	25.7	17.3	101.
15.2	44.2	4500.8	575.0	-17.0	-25.1	254.5	48.1	46.3	12.8	306.0	308.7	0.9	32.6	19.9	97.
16.4	47.1	4840.3	550.0	-13.0	-31.6	256.1	70.0	44.5	12.0	308.7	310.3	0.5	19.2	23.4	94.
17.7	50.1	5131.8	525.0	-14.9	-27.4	254.9	48.19	46.4	13.5	310.5	313.0	0.8	33.6	27.1	91.
18.9	53.0	5500.7	500.0	-17.4	-25.8	251.9	48.78	46.3	15.1	311.9	314.9	0.9	47.7	30.2	89.
20.2	56.0	5843.8	475.0	-19.0	-33.5	253.7	55.06	52.8	15.5	314.4	316.0	0.5	26.5	34.1	87.
21.6	59.3	6144.4	450.0	-21.4	-33.7	256.6	59.46	57.7	13.8	316.3	318.0	0.5	32.0	39.2	86.
22.9	62.7	6473.3	425.0	-24.4	-40.4	255.8	55.56	53.6	13.6	317.6	318.5	0.2	19.8	43.5	85.
24.4	66.1	7202.1	400.0	-24.2	-45.8	256.4	57.36	53.6	13.5	318.2	318.8	0.2	16.5	48.3	84.
25.9	69.3	7461.7	375.0	-31.9	-49.7	255.4	60.96	59.0	15.1	319.3	319.7	0.1	15.0	53.5	83.
27.6	73.4	8144.9	350.0	-36.4	-53.4	253.7	58.76	56.4	16.4	319.6	319.9	0.1	14.3	60.5	82.
29.3	77.7	8654.3	325.0	-40.4	99.9	253.4	61.06	54.5	17.4	321.0	321.0	99.9	99.9	65.9	81.
31.1	81.8	9194.5	300.0	-44.9	99.9	255.2	57.06	55.1	14.6	322.1	322.1	99.9	99.9	73.1	81.
33.3	86.4	9770.9	275.0	-49.4	99.9	262.6	91.06	90.3	11.8	323.7	323.7	99.9	99.9	79.3	80.
35.2	91.3	10349.0	250.0	-53.9	99.9	263.1	41.36	41.0	4.8	325.9	325.9	99.9	99.9	87.0	81.
37.4	96.4	11159.9	225.0	-56.9	99.9	262.4	76.86	74.1	10.2	331.3	331.3	99.9	99.9	96.8	81.
40.1	102.0	11739.6	200.0	-59.0	99.9	234.1	45.86	34.9	74.2	339.3	339.3	99.9	99.9	106.2	81.
43.2	108.5	12647.2	175.0	-56.7	99.9	252.6	38.86	37.0	11.6	356.4	356.4	99.9	99.9	119.7	79.
46.6	115.3	13617.6	150.0	-54.6	99.9	255.9	40.76	34.5	9.9	367.4	367.4	99.9	99.9	131.0	79.
50.4	122.3	14747.9	125.0	-60.1	99.9	256.4	47.46	46.1	11.0	386.2	386.2	99.9	99.9	139.5	79.
55.1	131.3	16147.4	100.0	-61.4	99.9	255.8	79.36	78.4	7.2	409.1	409.1	99.9	99.9	155.8	79.
60.8	140.5	17916.6	75.0	-63.8	99.9	261.3	62.46	61.7	9.1	439.1	439.1	99.9	99.9	168.0	78.
68.5	150.3	23416.9	50.0	-63.6	99.9	74.0	24.76	-25.9	-6.5	493.7	493.7	99.9	99.9	177.4	78.
81.7	160.3	24737.8	25.0	-60.6	99.9	248.6	23.26	21.6	8.4	610.8	610.8	99.9	99.9	194.1	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA5 FEBRUARY 1975  
1915 GMT

187 23. 0

TIME MIN	CMCT	WGTGHT GEM	WMS MI	TEMP DG C	WV PT DG C	DIR DG	SWIFT W/SFC	U-COMP W/SFC	V-COMP W/SFC	PNT Y DG K	E PNT F DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.2	1.0	1020.5	10.0	-0.3	340.0	4.4	3.0	-0.1	242.0	291.5	3.6	48.0	0.0	0.
0.3	4.7	1.2	1000.0	6.1	-3.4	1.2	9.9	-0.2	-9.9	279.6	287.5	3.0	50.4	0.3	152.
1.3	6.5	3.4	975.0	3.6	-4.3	348.8	9.4	1.8	-9.2	279.2	286.7	2.8	56.0	0.7	166.
2.3	8.3	3.4	950.0	1.7	-4.4	313.4	10.4	4.7	-9.3	279.3	287.0	2.9	63.9	1.2	164.
2.8	10.5	4.3	925.0	0.3	-5.0	323.9	10.6	4.4	-9.4	280.0	287.6	2.9	67.4	1.7	160.
3.0	12.2	10.2	900.0	0.6	-4.3	323.2	14.5	8.7	-11.6	282.4	289.1	2.1	68.1	2.3	156.
4.3	14.7	12.5	875.0	4.2	-16.1	308.6	16.2	12.6	-10.1	288.3	291.9	1.2	21.1	2.9	153.
5.3	16.3	14.6	850.0	2.7	-17.6	291.0	15.9	14.6	-5.9	287.1	292.4	1.1	20.6	3.5	147.
5.4	14.3	13.7	825.0	3.4	-19.3	285.1	18.9	14.2	-4.9	242.3	295.3	1.0	17.0	4.1	140.
6.7	21.0	17.7	800.0	3.8	-6.9	276.8	21.4	21.3	-2.5	295.6	303.7	2.9	45.5	5.0	132.
7.5	23.1	22.1	775.0	1.2	-7.6	277.5	22.6	22.4	-3.0	295.4	303.3	2.8	51.8	6.0	126.
8.1	25.3	24.6	750.0	-0.8	-6.3	276.3	27.4	27.4	-2.5	296.1	305.0	3.1	65.6	7.0	122.
9.1	27.7	27.6	725.0	-2.9	-6.7	275.2	23.9	23.4	-2.2	296.7	305.7	3.2	75.0	8.1	117.
10.2	30.4	30.4	700.0	-4.6	-12.0	274.2	27.4	27.4	-2.0	297.7	306.1	2.2	57.2	9.5	114.
11.3	32.3	33.3	675.0	-4.2	-15.4	267.6	29.2	29.2	1.2	301.1	306.3	1.7	41.4	11.1	111.
12.3	35.5	36.5	650.0	-3.6	-13.7	261.8	31.3	31.0	4.2	305.1	311.3	2.0	45.3	12.9	107.
13.3	37.4	38.4	625.0	-5.4	-13.9	262.8	31.5	33.2	4.2	306.0	312.3	2.1	52.9	14.5	104.
14.3	40.5	42.5	600.0	-8.4	-13.2	266.2	37.0	36.0	2.5	306.7	313.7	2.3	68.1	16.8	101.
15.4	43.1	44.5	575.0	-9.7	-14.7	267.3	38.0	38.0	1.8	308.9	315.4	2.1	66.3	19.2	99.
16.5	46.3	47.5	550.0	-12.0	-18.1	268.1	38.5	38.5	1.3	310.0	315.2	1.7	60.4	21.5	98.
17.4	48.7	50.4	525.0	-11.6	-21.8	270.4	37.7	37.7	-0.5	314.6	318.7	1.3	42.5	24.2	97.
18.3	51.7	54.6	500.0	-13.6	-25.3	277.1	39.9	39.4	-1.3	316.5	319.7	1.0	36.4	27.1	96.
20.3	55.3	62.4	475.0	-16.0	-30.5	268.3	41.0	41.0	1.2	318.2	320.3	0.6	27.2	30.4	96.
21.4	57.4	64.7	450.0	-18.6	-34.3	263.1	40.4	40.1	6.9	319.8	321.4	0.5	23.4	34.2	95.
23.1	61.0	68.1	425.0	-21.9	-36.9	260.6	44.8	44.2	7.3	320.9	322.2	0.4	24.1	37.3	94.
24.5	64.4	71.6	400.0	-25.8	-39.7	254.3	36.8	35.4	10.0	321.4	322.6	0.3	28.2	40.9	92.
26.0	67.7	74.0	375.0	-29.2	-41.1	261.9	44.6	44.1	7.0	322.9	323.9	0.3	30.3	44.1	91.
27.6	71.3	82.9	350.0	-31.5	-44.5	261.3	42.6	42.1	6.4	323.5	324.3	0.2	31.6	48.4	90.
29.4	74.2	87.4	325.0	-34.0	-48.1	262.0	43.4	42.9	6.1	324.2	324.7	0.1	33.4	52.6	89.
31.1	78.1	93.0	300.0	-47.9	99.9	265.4	43.3	43.2	3.5	324.9	324.9	99.9	99.9	57.1	89.
33.0	83.3	101.0	275.0	-48.1	99.9	267.5	40.3	40.3	1.8	325.5	325.5	99.9	99.9	62.6	89.
35.0	87.5	105.1	250.0	-53.3	99.9	273.2	44.2	44.1	-2.5	326.8	326.8	99.9	99.9	67.8	89.
37.3	92.4	112.7	225.0	-54.0	99.9	272.2	52.1	52.1	-2.0	329.6	329.6	99.9	99.9	74.1	89.
39.6	97.3	114.6	200.0	-57.2	99.9	266.3	45.0	44.8	4.4	342.2	342.2	99.9	99.9	81.6	89.
42.3	103.0	127.3	175.0	-59.3	99.9	254.2	38.1	36.7	10.4	352.1	352.1	99.9	99.9	88.6	88.
46.3	109.3	135.0	150.0	-59.0	99.9	266.4	39.1	19.0	2.2	368.5	368.5	99.9	99.9	97.2	87.
50.2	116.3	148.5	125.0	-62.7	99.9	261.0	51.4	51.3	8.2	381.5	381.5	99.9	99.9	106.4	88.
55.2	126.5	162.4	100.0	-67.3	99.9	268.6	45.7	45.7	1.1	397.8	397.8	99.9	99.9	119.4	87.
60.9	134.0	174.1	75.0	-68.0	99.9	268.1	19.8	19.8	0.7	430.4	430.4	99.9	99.9	132.7	87.
68.7	144.0	203.2	50.0	-61.2	99.9	166.3	4.0	-1.4	5.4	499.3	499.3	99.9	99.9	147.1	86.
80.1	154	247.0	25.0	-57.2	99.9	99.9	99.9	99.9	99.9	620.2	620.2	99.9	99.9	999.9	999.

0 HV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 PV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 HV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SMITHVILL, LA

5 FEBRUARY 1975  
2019 GMT

TIME MIN	CNTCT	HEIGHT GDM	PHYS MI	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	74.0	1014.2	1.1	-6.7	320.0	7.2	4.6	-5.5	273.4	279.4	2.3	56.0	0.0	0.
0.3	5.7	132.0	1000.0	-0.4	-7.4	305.0	6.5	6.8	-5.1	273.0	278.7	2.2	58.9	0.4	132.
1.0	7.9	323.4	975.0	-0.8	-8.5	306.7	11.1	8.9	-6.6	272.6	278.9	2.1	64.9	0.6	130.
1.4	10.3	549.4	950.0	-0.2	-7.8	305.4	11.0	9.0	-6.4	273.2	279.1	2.2	76.1	1.0	129.
1.9	12.5	634.0	925.0	-0.6	-8.1	310.3	8.5	8.4	-5.5	272.9	278.7	2.2	89.0	1.3	128.
2.7	15.0	1022.1	900.0	-0.9	-11.4	322.3	9.7	6.0	-7.7	272.5	277.2	1.8	82.1	1.6	130.
3.5	17.2	1241.9	875.0	-0.0	-14.9	312.0	14.2	9.6	-10.5	272.7	281.5	1.4	49.2	2.2	133.
4.3	19.4	1408.4	850.0	-5.0	-15.0	310.3	14.3	10.8	-9.4	281.1	285.0	1.4	45.1	2.9	133.
5.2	22.1	1708.1	825.0	-2.6	-17.3	316.5	14.9	9.9	-11.2	280.1	290.6	1.6	41.6	3.7	133.
6.0	24.6	1948.6	800.0	-2.1	-17.2	316.6	15.4	10.0	-11.7	280.1	292.7	1.2	30.3	4.4	134.
6.9	27.3	2200.1	775.0	2	-19.5	316.1	15.2	10.5	-10.9	290.5	293.6	1.1	27.1	5.2	135.
7.6	29.4	2458.7	750.0	-5.0	-21.7	316.6	16.0	11.4	-11.2	291.2	293.9	0.9	25.5	6.1	135.
8.5	32.4	2728.5	725.0	-6.5	-23.6	312.8	15.3	11.2	-10.4	292.4	296.5	0.5	23.6	10.0	133.
9.9	35.2	2937.4	700.0	-8.9	-25.1	305.3	15.0	11.6	-9.5	292.7	296.9	0.7	25.4	8.0	134.
10.9	37.4	3277.7	675.0	-11.0	-26.3	305.5	16.6	13.3	-9.9	293.3	295.3	0.6	25.5	8.9	134.
12.0	40.0	3572.0	650.0	-12.5	-28.0	305.1	17.4	14.3	-10.0	294.8	296.5	0.5	23.6	10.0	133.
13.0	43.4	3858.2	625.0	-14.7	-29.3	305.4	17.5	14.7	-9.5	295.6	297.3	0.5	27.0	11.0	132.
14.0	46.5	4171.2	600.0	-16.3	-31.5	295.6	22.1	14.9	-9.5	297.3	298.8	0.5	25.4	12.2	131.
15.2	49.4	4433.1	575.0	-16.3	-32.7	281.9	31.6	32.9	-6.9	300.9	302.3	0.4	22.7	13.9	128.
16.1	52.4	4727.9	550.0	-16.3	-34.2	271.9	43.1	43.1	-1.4	303.7	306.0	0.4	19.6	16.0	124.
17.1	55.0	5178.5	525.0	-15.1	-39.6	267.6	48.9	48.9	2.0	310.3	312.4	0.6	27.7	18.2	119.
18.2	58.3	5548.6	500.0	-16.5	-32.0	269.2	51.0	51.0	0.1	312.9	314.6	0.5	24.8	21.2	114.
19.6	62.3	5939.5	475.0	-20.1	-31.6	272.2	51.8	51.8	-2.0	313.1	314.6	0.5	28.3	25.3	110.
21.1	65.7	6328.1	450.0	-22.3	-35.6	270.7	51.2	51.2	-0.7	315.2	316.6	0.4	28.4	30.0	107.
22.7	69.1	6748.3	425.0	-24.0	-38.0	269.9	52.5	52.5	0.1	318.2	319.4	0.3	25.9	36.2	105.
24.1	72.4	7153.9	400.0	-27.5	-41.4	268.8	57.4	57.4	1.2	319.3	320.1	0.2	24.4	39.5	103.
25.5	76.5	7647.1	375.0	-31.3	-43.5	267.1	61.5	61.4	3.1	320.1	320.9	0.2	28.7	44.0	101.
27.0	80.4	8131.4	350.0	-35.2	-45.4	266.0	58.9	58.8	4.0	321.2	321.8	0.2	32.7	48.7	100.
28.4	84.4	8614.1	325.0	-39.8	-49.4	267.3	60.0	59.9	2.9	321.9	322.8	0.2	32.7	48.7	100.
30.2	88.7	9145.6	300.0	-43.6	-49.4	267.4	65.2	64.2	2.9	321.9	322.8	0.2	32.7	48.7	100.
32.0	93.4	9717.7	275.0	-48.7	-49.4	271.5	53.8	53.8	-1.5	324.7	325.7	0.2	32.7	48.7	100.
34.2	98.2	10342.6	250.0	-54.1	-49.4	271.4	56.5	56.5	-1.4	325.7	326.7	0.2	32.7	48.7	100.
36.7	103.7	11031.0	225.0	-57.9	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
39.2	109.3	11775.0	200.0	-59.3	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
42.3	114.5	12618.0	175.0	-55.6	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
45.9	121.3	13618.4	150.0	-57.8	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
49.7	128.3	14760.1	125.0	-61.6	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
53.7	135.5	16140.4	100.0	-67.7	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
58.9	143.0	17849.3	75.0	-64.0	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
64.4	150.7	20402.5	50.0	-61.5	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.
80.2	150.0	26648.0	25.0	-60.7	-49.4	269.2	59.9	59.9	9.9	326.8	327.8	0.2	32.7	48.7	100.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 245  
VICTORIA, TEX6 FEBRUARY 1975  
2015 GMT

199 22. 0

TIME MIN	CHCT	HEIGHT GOM	PHES MB	TL MP DL C	DEF PT DG C	DIR DG	SOLE M/SEC	U COMP M/SFC	V CLAP M/SFC	POT T DG K	E POT T DG K	MX RTO CM/KG	RW PCY	RANGE KM	AZ DEG
0.0	2.9	3.0	1020.1	9.0	-1.7	300.0	12.4	0.0	-12.4	241.0	249.7	3.3	47.0	0.6	0.
0.5	4.3	146.4	1000.0	6.0	-4.3	300.0	13.5	2.0	-13.2	270.5	280.9	2.0	47.7	0.4	173.
1.1	6.3	421.2	975.0	1.0	-4.1	340.0	15.0	2.7	-13.7	270.8	280.4	2.9	50.2	0.8	171.
1.7	8.4	611.0	950.0	1.0	-4.1	340.6	13.2	3.5	-12.7	270.6	280.4	3.0	68.6	1.3	170.
2.7	10.4	826.6	925.0	-0.3	-5.4	341.4	13.6	4.2	-12.9	270.3	280.6	2.8	72.7	2.1	166.
3.5	12.4	1054.0	900.0	-0.3	-11.3	340.5	15.6	4.2	-15.0	281.4	285.1	1.7	42.2	2.8	166.
4.3	14.6	1272.1	875.0	4.5	-15.4	333.1	13.4	4.2	-12.1	288.7	292.5	1.3	21.9	3.5	165.
5.1	16.6	1500.7	850.0	5.4	-18.5	321.4	13.4	4.2	-10.6	292.1	295.1	1.0	15.0	4.1	162.
5.9	18.6	1757.3	825.0	4.1	-11.7	310.0	13.7	10.5	-11.7	293.1	298.6	1.9	30.7	6.8	159.
6.7	20.9	2011.7	800.0	2.1	-10.4	309.7	16.1	12.4	-10.3	293.7	299.0	2.2	38.0	5.4	156.
7.5	23.3	2257.3	775.0	0.3	-8.9	299.0	16.1	13.9	-8.0	294.4	301.7	2.5	50.6	6.1	152.
8.3	25.5	2521.2	750.0	1.8	-6.7	287.1	14.4	12.4	-5.4	299.0	307.0	3.1	53.2	6.9	147.
9.5	27.9	2794.4	725.0	2.2	-9.0	277.4	21.4	21.2	-2.7	302.2	310.1	2.7	43.4	7.0	141.
10.5	30.4	3077.7	700.0	0.7	-9.7	270.7	24.3	24.2	-2.0	303.6	311.9	2.8	49.4	8.0	134.
11.5	33.0	3364.4	675.0	-1.2	-11.7	270.6	25.9	25.9	-0.3	304.5	311.4	2.3	44.7	10.1	120.
12.5	35.5	3608.7	650.0	-3.7	-10.1	269.4	28.2	24.2	0.1	305.1	313.2	2.7	61.6	11.4	123.
13.5	38.0	3877.9	625.0	-4.4	-12.7	268.5	30.7	30.7	0.3	307.7	315.7	2.3	52.2	12.9	119.
14.6	40.6	4244.0	600.0	-6.2	-12.8	268.9	30.7	30.7	1.7	309.2	316.5	2.4	59.5	14.7	115.
15.9	43.4	4610.4	575.0	-8.6	-16.5	267.3	30.6	30.5	1.4	310.1	315.0	1.8	52.7	16.6	111.
17.0	46.3	4974.7	550.0	-9.9	-13.9	266.8	30.7	30.7	0.1	312.4	312.9	0.1	4.5	18.7	100.
18.2	49.3	5332.5	525.0	-11.7	-33.3	269.0	30.9	30.9	0.6	314.4	315.9	0.5	15.6	20.9	107.
19.5	52.1	5705.6	500.0	-13.9	-23.9	267.8	30.0	30.0	1.1	316.1	319.2	0.9	35.5	23.1	105.
20.7	55.2	6092.9	475.0	-16.1	-31.8	273.2	31.4	31.4	-1.0	318.1	320.0	0.6	24.4	25.3	103.
22.1	58.1	6494.4	450.0	-18.1	-38.2	272.0	32.2	32.2	-1.1	320.4	321.5	0.3	15.1	27.9	103.
23.5	61.7	6921.1	425.0	-21.0	-43.4	269.0	33.9	33.9	-1.1	322.0	322.7	0.2	11.2	30.4	101.
25.0	65.1	7347.9	400.0	-24.3	-47.5	267.5	33.7	33.7	1.5	323.4	323.8	0.1	9.5	33.5	100.
26.4	68.6	7810.4	375.0	-24.6	-50.9	267.0	33.7	33.7	1.8	323.7	324.1	0.1	9.5	36.7	99.
28.2	72.1	8320.1	350.0	-33.1	-53.1	267.9	32.6	32.6	1.2	324.1	324.3	0.1	11.3	39.7	98.
29.9	76.2	8832.2	325.0	-37.9	-55.0	272.4	29.4	29.4	-1.2	324.3	324.6	0.1	14.7	42.8	98.
31.6	80.1	9340.3	300.0	-42.4	-59.9	277.6	33.3	33.0	-0.4	325.6	325.8	0.1	99.9	46.3	97.
33.7	84.3	9907.4	275.0	-47.6	-64.6	280.9	30.4	30.2	-1.0	326.3	326.3	0.1	99.9	50.2	98.
35.8	88.8	10490.2	250.0	-52.9	-69.9	272.1	30.9	30.9	-1.2	327.4	327.4	0.1	99.9	53.7	98.
37.8	93.8	11259.7	225.0	-57.7	-77.7	278.2	41.1	40.8	-0.4	330.1	330.1	0.1	99.9	58.1	97.
40.3	99.0	11947.7	200.0	-57.6	-99.9	265.9	34.4	34.3	2.5	341.5	341.5	0.1	99.9	63.4	97.
42.7	104.9	12443.6	175.0	-54.2	-99.9	241.0	39.1	38.4	-2.5	357.2	357.2	0.1	99.9	68.2	97.
45.0	110.4	13116.7	150.0	-50.7	-99.9	271.4	36.59	36.4	-0.9	367.2	367.2	0.1	99.9	74.4	97.
47.9	117.7	14051.9	125.0	-67.4	-99.9	276.4	37.76	37.4	-0.2	381.9	381.9	0.1	99.9	85.5	96.
50.6	124.0	14703.3	100.0	-67.1	-99.9	276.2	35.46	35.3	-2.6	394.7	394.7	0.1	99.9	92.9	96.
53.7	131.7	15316.4	75.0	-70.5	-99.9	277.2	23.90	23.7	-3.0	423.1	423.1	0.1	99.9	100.3	97.
56.8	140.0	16000.7	50.0	-61.8	-99.9	258.7	18.54	18.2	3.6	497.8	497.8	0.1	99.9	110.8	96.
61.6	159.3	20707.3	25.0	-58.5	-99.9	999.9	19.99	19.9	99.9	616.7	616.7	0.1	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE MEANS 0 AND 10 DEG

0 BY TEMP MEANS TEMP - TYPIC OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 260  
STEMPHVILLE, TEN  
6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	WIND GPH	WIND DIR	WIND SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GPH	RH PCT	RANGE KM	AZ DG
0.0	7.1	344.0	079.3	0.7	2.3	-6.3	274.8	279.1	1.6	42.0	0.0	0.0
0.1	9.3	59.7	170.0	0.9	3.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	7.5	414.1	075.0	7.9	3.6	-7.0	274.7	279.1	1.7	44.7	0.2	43
0.3	9.3	640.4	070.0	8.7	4.9	-7.1	274.3	278.9	1.7	53.4	0.6	100
1.5	11.3	651.7	075.0	9.3	4.9	-7.2	273.8	278.1	1.6	59.3	0.9	100
2.1	14.3	1065.1	070.0	9.0	4.9	-8.2	273.8	277.8	1.6	70.4	1.2	150
2.7	16.4	1274.1	075.0	12.9	6.7	-10.6	273.9	274.2	1.6	76.9	1.6	140
3.3	14.4	1504.4	050.0	14.8	4.4	-14.1	274.8	283.5	1.3	46.8	2.1	140
4.0	21.1	1747.5	075.0	15.1	4.1	-14.5	285.4	290.3	1.7	47.2	2.8	150
4.9	23.6	1947.3	080.0	16.8	7.5	-15.0	288.1	292.7	1.6	42.7	3.6	150
5.9	25.9	2231.1	075.0	16.4	7.6	-14.6	289.9	293.9	1.4	37.1	4.5	150
6.9	28.4	2461.5	075.0	18.7	9.3	-16.3	291.0	294.1	1.0	30.2	5.6	153
7.7	31.1	2761.7	075.0	18.3	9.5	-15.6	291.7	294.2	0.8	27.1	6.6	153
8.5	33.4	3144.1	075.0	16.5	8.6	-14.1	292.3	294.6	0.8	28.1	7.6	152
9.4	36.3	3414.1	075.0	16.4	8.8	-12.1	292.8	294.7	0.7	28.2	8.3	152
10.3	34.0	3602.6	050.0	16.4	11.6	-11.7	294.6	296.1	0.5	20.5	6.9	151
11.3	41.3	3901.7	065.0	21.7	21.3	-12.7	297.5	298.3	0.3	11.2	10.1	149
12.2	44.6	4211.4	060.0	21.7	10.2	-10.3	301.4	302.1	0.2	9.2	11.5	140
13.3	47.4	4519.0	075.0	37.3	36.7	-6.5	307.3	308.1	0.3	8.9	13.2	130
14.3	50.5	4841.6	075.0	40.4	39.4	-6.7	311.4	313.1	0.5	16.4	15.2	132
15.4	53.6	5177.7	075.0	41.1	40.1	-8.9	311.8	313.6	0.5	20.8	17.6	127
16.6	56.6	5507.5	075.0	40.7	39.6	-9.2	312.2	314.7	0.6	20.9	20.3	124
17.9	59.3	5890.0	075.0	45.9	42.9	-11.9	318.2	317.6	0.4	20.9	23.4	121
19.2	61.1	6342.7	050.0	45.9	47.8	-13.9	317.8	319.0	0.4	21.3	26.7	120
20.6	68.0	6811.8	045.0	20.3	45.5	-16.8	318.9	319.9	0.3	20.5	30.7	118
22.2	70.2	7225.2	040.0	48.3	47.6	-9.6	320.0	320.9	0.3	24.5	34.8	116
23.4	73.7	7716.1	035.0	48.7	43.9	-6.7	320.7	321.6	0.2	38.8	39.3	110
24.5	77.7	8101.2	030.0	51.7	51.4	-5.2	311.7	322.4	0.2	32.8	43.8	112
27.1	81.5	8714.7	025.0	48.3	44.2	-2.7	323.5	324.9	99.9	99.9	48.9	111
28.9	85.6	9154.8	020.0	50.7	50.1	-2.7	324.1	325.0	99.9	99.9	52.7	108
33.4	90.2	9784.5	025.0	50.9	70.6	-5.7	325.0	325.9	99.9	99.9	59.2	107
37.7	94.6	10459.4	020.0	74.9	73.7	-13.2	326.6	326.6	99.9	99.9	66.5	106
38.9	79.2	11174.4	025.0	41.2	47.8	-5.6	327.8	327.8	99.9	99.9	73.2	100
37.2	106.6	11864.9	020.0	68.6	64.0	-18.4	337.4	337.4	99.9	99.9	81.2	105
40.2	110.3	12705.4	015.0	23.7	70.7	1.0	356.7	356.7	99.9	99.9	89.7	105
43.4	116.0	13687.9	015.0	63.0	71.9	-17.8	368.5	368.5	99.9	99.9	99.6	103
37.6	127.3	14723.1	015.0	78.6	71.9	-17.3	383.2	383.2	99.9	99.9	110.7	103
52.0	130.5	16200.1	010.0	99.9	69.2	-11.7	403.0	403.0	99.9	99.9	124.1	100
58.0	138.7	17436.4	015.0	27.6	27.0	-5.8	431.5	431.5	99.9	99.9	134.5	100
66.2	147.3	20632.0	010.0	94.9	34.6	-8.5	508.7	508.7	99.9	99.9	141.9	103
78.0	156.7	24716.1	015.0	247.5	11.5	4.3	607.4	607.4	99.9	99.9	152.9	102

0 BY SPEED WINDS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP WINDS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED  
00 BY SPEED WINDS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2 1  
DF - RIO, TEX  
6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T L J K	MX RTO G. G	RH PCT	RANGE AZ KM DG	156	13. 0
0.0	7.1	314.0	984.7	7.9	-2.1	340.0	9.3	3.2	-8.7	282.3	291.1	3.3	49.0	0.0 0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9 999.9		
0.5	8.5	416.7	975.0	4.8	-5.2	339.8	7.5	2.9	-7.0	260.4	287.5	2.7	48.3	0.3 154.		
1.1	12.7	447.7	950.0	2.7	-5.5	340.5	8.8	3.0	-8.3	280.3	287.4	2.7	54.3	0.8 157.		
2.4	13.0	462.6	925.0	0.5	-6.4	346.5	8.9	2.1	-8.6	240.2	287.0	2.6	59.5	1.3 159.		
3.6	15.3	1041.8	900.0	-1.5	-7.3	354.1	8.9	0.9	-8.8	280.3	285.9	2.5	64.4	1.9 162.		
4.5	17.5	1325.6	875.0	-3.0	-7.8	357.7	9.7	-1.1	-9.6	281.0	287.6	2.4	69.4	2.4 167.		
5.4	19.7	1536.4	850.0	-0.3	-14.4	355.7	9.9	0.7	-7.9	286.0	290.2	1.5	33.6	2.9 170.		
6.2	22.2	1775.1	825.0	-0.9	-17.2	344.4	10.9	2.9	-10.5	287.8	291.3	1.2	27.7	3.4 170.		
7.3	24.7	2077.7	800.0	-1.8	-17.2	334.8	12.5	5.3	-11.4	289.4	293.0	1.2	29.7	4.0 169.		
8.0	27.0	2277.7	775.0	-1.3	-13.4	305.5	13.0	10.5	-7.5	291.5	296.5	1.8	42.3	4.6 165.		
8.9	29.6	2500.4	750.0	-1.2	-7.5	290.8	14.6	13.6	-5.2	295.6	303.9	2.9	62.3	5.1 157.		
10.0	32.2	2404.4	725.0	-0.9	-12.2	287.4	15.9	15.2	-4.8	298.7	304.8	2.1	41.8	5.9 150.		
11.2	35.0	3094.3	700.0	-1.6	-14.0	278.4	16.9	16.8	-2.5	301.0	306.5	1.9	38.1	6.7 142.		
12.3	37.4	1723.7	675.0	-2.8	-14.1	280.4	16.8	16.5	-3.0	302.8	309.5	1.9	41.2	7.5 137.		
13.4	40.1	1771.9	650.0	-4.7	-13.3	281.1	17.4	17.0	-3.3	303.8	310.1	2.1	50.8	8.4 132.		
14.7	42.8	1679.4	625.0	-6.7	-14.4	277.7	22.0	21.8	-3.0	305.0	311.0	2.0	54.2	9.8 128.		
15.9	45.7	4249.2	600.0	-7.4	-17.0	274.9	23.1	23.0	-2.0	307.7	312.9	1.7	45.8	11.3 123.		
17.3	48.5	4629.0	575.0	-9.3	-19.5	275.9	25.0	24.1	-2.5	310.5	314.9	1.4	39.9	12.9 119.		
18.5	51.4	4273.6	550.0	-9.3	-21.4	281.0	25.8	25.3	-4.9	313.2	317.2	1.3	35.5	14.8 116.		
19.8	54.5	5331.8	525.0	-11.6	-24.1	285.0	25.8	24.9	-6.7	314.6	318.0	1.0	34.3	16.7 115.		
21.3	57.5	5704.3	500.0	-14.0	-26.6	285.2	27.2	27.2	-7.3	316.1	319.0	0.9	33.4	19.0 114.		
22.7	60.4	6031.6	475.0	-16.8	-34.1	281.2	28.2	28.0	-5.9	317.2	318.7	0.4	20.6	21.5 113.		
24.3	63.1	6455.4	450.0	-19.3	-37.0	278.7	29.4	29.0	-4.4	319.0	320.2	0.3	18.9	24.2 111.		
25.8	67.4	6918.4	425.0	-21.5	-41.0	275.1	28.6	28.5	-2.5	321.4	322.3	0.2	15.1	26.8 110.		
27.3	70.7	7362.0	400.0	-25.3	-43.7	270.0	24.2	28.2	0.0	322.1	322.8	0.2	15.9	29.3 108.		
29.0	74.5	7837.3	375.0	-29.1	-46.7	263.5	26.7	26.7	0.7	323.0	323.5	0.1	16.3	31.8 107.		
30.7	78.5	8315.7	350.0	-31.7	-49.4	267.5	24.0	23.9	1.0	323.2	323.7	0.1	18.5	34.3 105.		
32.7	82.3	8810.4	325.0	-34.3	-49.9	264.2	26.2	26.1	2.7	323.8	323.8	99.9	99.9	37.2 104.		
34.8	86.4	9175.1	300.0	-43.2	-49.9	261.0	22.1	21.9	3.5	324.4	324.4	99.9	99.9	40.1 102.		
37.0	90.3	9244.1	275.0	-44.6	-49.9	264.8	21.4	21.3	2.0	324.8	324.8	99.9	99.9	43.0 101.		
39.4	95.5	10273.1	250.0	-54.1	-49.9	272.7	24.2	24.2	-1.1	325.4	325.4	99.9	99.9	46.2 100.		
41.9	100.3	11242.5	225.0	-58.1	-49.9	275.4	28.1	27.9	-2.6	325.5	325.5	99.9	99.9	49.9 100.		
44.4	105.2	11994.4	200.0	-57.5	-49.9	278.0	36.0	35.6	-5.0	326.7	326.7	99.9	99.9	54.7 99.		
47.4	111.3	12410.3	175.0	-56.5	-49.9	284.7	37.8	35.8	-12.1	326.7	326.7	99.9	99.9	61.0 100.		
50.9	117.5	13004.2	150.0	-54.2	-49.9	283.4	40.0	38.3	-11.6	326.9	326.9	99.9	99.9	68.8 100.		
54.7	124.7	14912.4	125.0	-65.2	-49.9	283.4	34.6	33.6	-8.0	326.9	326.9	99.9	99.9	77.2 101.		
59.3	132.7	16282.1	100.0	-68.8	-49.9	282.5	35.49	34.5	-7.8	326.9	326.9	99.9	99.9	87.8 101.		
65.0	140.7	17940.2	75.0	-73.6	-49.9	240.7	26.29	24.5	-9.3	425.0	999.9	99.9	99.9	97.7 102.		
72.5	144.7	20413.4	50.0	-65.4	-49.9	277.6	20.78	20.	-2.7	488.9	999.9	99.9	99.9	106.4 102.		
84.6	150.3	24726.1	25.0	-57.8	-49.9	263.6	20.8	20.6	2.2	618.8	999.9	99.9	99.9	118.0 101.		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX  
6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HFIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	QIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	473.0	925.2	2.1	-3.4	15.0	3.6	-0.9	-3.5	281.9	290.4	3.2	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	953.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	10.7	474.7	925.0	2.0	-3.8	14.4	3.5	-0.9	-3.4	281.8	290.1	3.1	65.4	0.0	340.
0.9	13.0	1091.9	900.0	-1.7	-10.3	350.5	1.9	0.1	-1.9	280.0	285.2	1.9	51.8	0.2	192.
1.7	15.2	1317.5	875.0	-3.6	-10.5	6.4	1.3	-0.1	-1.3	280.3	285.6	2.0	58.7	0.2	185.
2.5	17.3	1536.0	850.0	-4.9	-11.4	27.7	2.4	-1.1	-2.1	281.2	285.6	1.6	51.2	0.3	187.
3.4	19.7	1700.7	825.0	-5.1	-13.1	21.4	4.0	-1.5	-3.7	283.4	287.4	1.4	45.1	0.5	200.
4.4	21.3	2022.6	800.0	-5.1	-15.4	308.1	4.3	3.6	-2.4	285.9	289.7	1.3	40.7	0.6	188.
5.2	24.1	2271.1	775.0	-7.1	-18.6	317.1	6.3	4.3	-4.6	286.3	289.6	1.1	39.5	0.8	170.
6.2	26.0	2526.6	750.0	-7.6	-25.6	323.0	11.0	6.6	-8.8	288.4	290.3	0.6	22.0	1.2	160.
7.1	29.2	2730.0	725.0	-8.2	-30.5	308.6	15.8	12.7	-10.1	290.5	291.8	0.4	14.6	1.9	153.
8.0	31.4	2922.7	700.0	-7.8	-30.1	301.7	20.5	17.5	-10.8	293.9	295.2	0.4	13.6	2.9	142.
9.1	34.4	3156.0	675.0	-7.1	-25.2	292.3	24.1	22.2	-9.4	297.7	300.0	0.7	21.9	4.3	135.
10.1	37.0	3401.0	650.0	-6.4	-26.1	290.8	25.9	24.2	-9.2	301.8	304.0	0.7	19.0	5.7	127.
11.2	39.3	3666.5	625.0	-8.0	-27.5	295.1	25.4	21.0	-10.8	303.3	305.4	0.6	19.0	7.4	124.
12.4	42.4	4261.5	600.0	-4.0	-26.7	295.9	25.8	23.2	-11.3	306.2	308.5	0.7	21.6	9.2	123.
13.5	45.4	4521.1	575.0	-11.4	-24.0	298.9	27.0	23.6	-13.0	306.8	309.8	1.0	34.4	11.0	122.
14.7	48.4	4711.1	550.0	-13.0	-21.8	297.2	28.0	24.9	-12.8	308.8	312.6	1.2	47.2	13.0	121.
16.1	51.2	5246.1	525.0	-13.1	-24.1	297.6	29.4	26.1	-13.6	312.8	316.1	1.0	39.0	15.3	121.
17.5	54.4	5647.1	500.0	-14.7	-25.5	297.1	28.6	25.5	-13.0	315.2	318.3	1.0	39.1	17.8	120.
18.9	57.4	6044.1	475.0	-17.0	-24.1	297.2	29.7	28.4	-13.6	317.0	319.6	0.8	37.4	20.2	120.
20.4	60.3	6447.8	450.0	-19.8	-31.5	297.0	30.4	27.1	-13.8	318.4	320.5	0.6	34.1	22.8	120.
21.8	64.1	6869.8	425.0	-22.6	-34.6	291.7	31.3	29.1	-13.6	320.0	321.6	0.5	32.4	25.7	119.
23.7	67.7	7311.0	400.0	-26.0	-39.4	280.2	32.5	32.0	-5.8	320.4	321.8	0.4	32.6	28.8	117.
25.1	71.2	7773.5	375.0	-30.0	-39.4	280.5	36.3	35.7	-6.6	321.9	323.1	0.3	38.9	31.8	116.
26.7	75.2	8263.0	350.0	-34.1	-46.1	282.2	42.4	41.4	-9.0	322.7	321.4	0.2	28.2	35.2	114.
29.1	79.1	8774.9	325.0	-38.8	-50.3	279.2	44.3	43.8	-7.1	323.1	323.6	0.1	28.0	38.7	113.
30.0	81.4	9114.4	300.0	-43.4	99.7	275.4	35.4	35.2	-3.3	324.2	323.6	99.9	99.9	43.4	111.
32.0	87.7	9444.1	275.0	-48.1	99.1	279.1	42.1	41.6	-6.6	325.6	325.6	99.9	99.9	46.0	110.
34.0	92.5	10518.5	250.0	-53.8	99.1	282.3	38.7	37.8	-8.3	326.1	326.1	99.9	99.9	52.3	109.
36.2	97.5	11100.6	225.0	-59.8	99.9	285.5	40.5	39.0	-10.8	326.9	326.9	99.9	99.9	58.1	109.
39.0	103.0	11914.7	200.0	-61.5	99.1	288.2	44.6	43.2	-11.0	326.3	326.3	99.9	99.9	63.9	108.
41.8	109.0	12754.9	175.0	-56.1	99.1	288.4	40.0	38.0	-12.7	326.9	326.9	99.9	99.9	71.9	108.
45.3	115.5	13773.4	150.0	-60.1	99.4	290.8	43.8	40.7	-15.4	326.5	326.5	99.9	99.9	81.4	108.
49.0	121.0	14754.7	125.0	-61.7	99.1	295.3	50.0	50.6	-23.9	381.3	381.3	99.9	99.9	91.2	109.
53.5	131.3	15221.6	100.0	-65.2	99.1	283.1	33.2	32.3	-7.6	401.8	401.8	99.9	99.9	101.9	109.
59.0	140.7	17952.7	75.0	-64.7	99.1	219.0	33.2	31.4	-10.8	426.9	426.9	99.9	99.9	112.7	109.
66.4	151.3	22404.2	50.0	-63.9	99.1	260.9	12.1	11.9	1.9	693.0	693.0	99.9	99.9	121.4	109.
77.9	162.3	28699.7	25.0	-61.4	99.1	260.1	16.2	16.0	2.8	698.2	698.2	99.9	99.9	130.2	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DFG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LFSS THAN 6 DFG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 304  
MATTERAS, NC

6 FEBRUARY 1975  
2015 GMT

2015 GMT															139	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	CHANGE W	AZ DG	
0.0	5.3	4.0	1008.2	14.2	10.2	240.0	5.1	4.4	2.6	267.7	307.9	7.8	77.0	0.0	0.0	
0.3	5.9	72.9	1000.0	12.7	8.6	233.1	9.0	7.2	5.4	266.8	305.0	7.0	75.7	0.2	10.0	
1.1	8.1	285.2	975.0	11.2	5.9	238.3	10.9	9.3	5.7	267.2	302.9	6.0	69.8	0.7	51.0	
2.0	10.3	502.0	950.0	10.6	1.3	251.2	12.0	11.3	3.9	288.5	300.5	4.5	53.0	1.3	56.0	
2.9	12.5	724.0	925.0	10.3	-6.3	257.9	13.3	13.0	2.8	290.2	297.5	2.6	30.8	1.9	64.0	
3.7	14.8	951.6	900.0	9.9	-10.5	260.8	16.3	16.1	2.6	291.9	297.4	1.9	22.7	2.6	68.0	
4.7	16.9	1165.0	875.0	8.6	-12.5	260.1	17.9	17.6	3.1	292.9	297.6	1.7	20.9	3.6	72.0	
5.6	19.4	1423.9	850.0	7.1	-16.9	257.1	18.4	17.9	4.1	293.7	297.2	1.2	16.1	4.6	73.0	
6.5	21.7	1668.4	825.0	5.6	-18.1	261.6	20.4	20.2	3.0	294.7	298.0	1.1	16.0	5.7	74.0	
7.4	24.2	1919.4	800.0	4.5	-16.9	258.3	27.2	26.7	5.5	296.1	299.9	1.3	19.3	6.8	76.0	
8.0	26.4	2177.2	775.0	3.5	-14.3	254.0	28.3	27.3	7.4	297.8	302.6	1.6	25.7	8.0	76.0	
9.0	29.1	2442.4	750.0	1.8	-10.6	252.9	30.2	28.9	8.9	298.9	305.5	2.3	39.0	9.6	75.0	
9.9	31.7	2715.5	725.0	0.3	-15.6	254.7	32.6	31.6	8.6	300.0	304.8	1.6	29.2	11.3	75.0	
10.8	34.3	2996.1	700.0	-1.4	-8.9	253.3	34.2	32.7	9.8	301.3	309.4	2.8	56.6	13.2	75.0	
11.8	36.8	3285.0	675.0	-3.3	-10.4	248.6	36.3	33.8	13.2	302.3	309.8	2.6	57.6	15.2	74.0	
12.9	39.6	3582.6	650.0	-5.4	-14.2	244.0	37.3	33.5	16.4	303.1	308.9	2.0	49.7	17.6	73.0	
14.0	42.1	3889.1	625.0	-7.7	-17.0	241.1	42.59	37.2	20.5	303.8	308.7	1.6	47.3	20.3	72.0	
15.2	45.0	4205.1	600.0	-10.5	-14.9	242.2	42.89	37.9	20.0	304.2	310.3	2.0	70.2	23.2	70.0	
16.3	48.0	4531.7	575.0	-11.9	-13.3	246.4	42.16	38.6	16.9	306.3	314.3	2.7	103.2	26.1	70.0	
17.4	50.9	4871.4	550.0	-13.3	-13.3	247.7	42.20	39.1	16.0	308.6	316.2	2.5	103.0	28.8	70.0	
18.7	54.0	5223.4	525.0	-16.5	-17.2	246.2	43.69	40.4	16.2	308.8	314.6	1.9	94.3	32.1	69.0	
19.9	57.0	5588.9	500.0	-19.0	-22.8	246.9	44.29	40.6	17.3	310.0	313.9	1.2	71.5	35.6	69.0	
21.1	60.1	5969.5	475.0	-20.9	-26.9	247.6	52.06	48.1	19.8	312.1	315.0	0.9	58.4	38.9	69.0	
22.5	63.6	6367.6	450.0	-23.4	-28.7	247.0	49.49	45.5	19.3	313.8	316.4	0.8	11.6	42.8	69.0	
23.9	66.9	6783.6	425.0	-26.4	-35.0	246.8	57.09	52.4	22.5	315.1	316.7	0.5	44.1	47.4	69.0	
25.4	70.4	7219.2	400.0	-29.5	-38.6	250.5	51.39	48.4	17.2	316.7	317.8	0.3	40.2	52.3	69.0	
27.0	74.1	7671.8	375.0	-32.9	-42.5	251.1	72.06	68.1	23.4	318.0	318.8	0.2	39.1	57.9	69.0	
28.5	77.9	8158.7	350.0	-36.7	-45.5	248.6	49.69	46.2	18.1	319.3	319.9	0.2	39.1	62.4	69.0	
30.2	81.7	8667.3	325.0	-41.0	99.9	249.8	59.69	55.9	20.5	320.2	999.9	99.9	999.9	70.2	69.0	
32.0	85.7	9206.5	300.0	-45.3	99.9	249.2	63.89	59.7	22.7	321.6	999.9	99.9	999.9	76.3	69.0	
33.8	90.2	9781.0	275.0	-50.4	99.9	248.4	68.29	62.0	32.4	322.3	999.9	99.9	999.9	84.1	69.0	
35.7	95.0	10395.8	250.0	-55.6	99.9	244.5	51.39	46.3	22.1	323.5	999.9	99.9	999.9	92.3	69.0	
37.7	99.8	11061.5	225.0	-57.1	99.9	239.9	72.06	62.6	36.4	331.0	999.9	99.9	999.9	98.7	68.0	
40.0	105.0	11800.8	200.0	-61.1	99.9	242.0	81.59	72.0	38.2	336.0	999.9	99.9	999.9	112.0	67.0	
42.6	110.6	12644.8	175.0	-55.3	99.9	247.0	104.19	95.8	40.7	358.7	999.9	99.9	999.9	122.2	66.0	
45.4	116.7	13622.4	150.0	-57.9	99.9	249.6	68.09	63.8	23.5	370.4	999.9	99.9	999.9	136.6	66.0	
49.1	123.7	14753.1	125.0	-63.7	99.9	245.5	70.79	64.3	29.4	379.7	999.9	99.9	999.9	148.1	66.0	
53.0	130.8	16119.9	100.0	-62.7	99.9	242.9	53.99	48.0	24.5	406.6	999.9	99.9	999.9	163.1	67.0	
58.1	138.3	17877.1	75.0	-64.8	99.9	999.9	99.9	99.9	99.9	437.1	999.9	99.9	999.9	999.9	999.9	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	
99.9	99.9	99.9	25.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA  
6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	246.0	979.7	13.3	6.2	250.0	7.2	6.8	2.5	288.9	305.0	6.1	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	8.8	286.3	975.0	11.4	3.9	233.7	7.2	5.8	4.3	287.3	301.1	5.2	59.9	0.4	38.
1.1	10.9	502.3	950.0	8.8	2.7	233.6	8.3	6.7	4.9	286.8	299.8	4.9	65.7	0.8	53.
2.0	13.2	722.4	925.0	6.3	2.7	233.3	9.6	7.9	5.4	286.4	299.7	5.0	77.5	1.2	54.
2.8	15.4	946.6	900.0	4.4	2.7	243.0	11.9	10.7	5.2	286.7	300.4	5.2	88.5	1.8	55.
3.4	17.6	1175.5	875.0	2.5	1.9	253.6	13.8	13.2	3.9	287.0	300.3	5.0	96.3	2.2	58.
4.3	20.0	1409.4	850.0	0.8	0.1	262.0	16.5	16.4	2.3	287.5	299.6	4.5	95.0	3.0	64.
5.2	22.2	1649.0	825.0	-0.9	-1.7	267.1	18.9	18.9	1.0	288.2	299.2	4.1	94.0	3.9	69.
6.0	24.7	1894.0	800.0	-2.9	-3.7	263.0	23.3	23.2	2.8	288.5	298.4	3.6	94.1	4.9	73.
6.9	26.9	2145.9	775.0	-4.7	-4.4	257.0	26.8	24.2	5.6	291.3	301.1	3.6	88.1	6.2	74.
7.7	29.4	2405.7	750.0	-3.8	-5.4	252.6	28.4	27.1	8.5	292.9	302.4	3.4	89.0	7.4	74.
8.5	32.0	2672.8	725.0	-5.5	-7.3	252.2	31.2	29.7	9.6	293.8	302.4	3.1	87.4	8.9	73.
9.4	34.6	2947.7	700.0	-6.6	-9.3	254.4	34.8	33.5	9.4	295.5	303.2	2.7	80.8	10.7	73.
10.3	37.0	3231.3	675.0	-8.1	-10.1	254.9	36.0	34.7	9.3	296.9	304.5	2.6	84.9	13.0	74.
11.6	39.9	3523.8	650.0	-10.2	-12.2	255.5	39.8	38.5	10.0	297.7	304.4	2.3	85.0	15.6	74.
12.6	42.3	3825.5	625.0	-11.8	-13.9	258.2	39.9	38.4	10.9	299.2	305.4	2.1	84.5	18.1	74.
13.7	45.2	4137.1	600.0	-13.9	-15.4	249.8	41.8	39.2	14.4	300.2	305.9	1.9	88.7	20.6	74.
14.7	48.1	4461.6	575.0	-12.3	-19.2	246.6	53.2	48.8	21.1	305.7	310.2	1.4	55.9	23.4	73.
15.8	50.9	4800.6	550.0	-14.0	-20.5	246.8	56.3	51.7	22.1	307.6	311.8	1.4	57.6	27.4	72.
17.0	54.0	5151.9	525.0	-16.7	-21.2	246.7	53.7	48.5	23.0	308.5	312.7	1.3	68.2	30.8	72.
18.2	56.9	5517.5	500.0	-18.4	-22.9	246.2	56.3	51.5	22.7	310.7	314.5	1.2	68.1	34.8	70.
19.3	60.0	5898.8	475.0	-20.2	-27.0	245.3	56.3	51.1	23.5	313.0	315.8	0.9	54.3	38.8	70.
20.6	63.4	6298.6	450.0	-21.7	-35.4	242.8	56.6	50.4	25.9	316.0	317.4	0.4	27.8	42.8	70.
22.0	66.7	6717.4	425.0	-24.8	-44.3	243.9	66.0	59.6	28.0	317.1	317.8	0.2	14.3	47.8	69.
23.4	70.0	7155.3	400.0	-28.2	-51.1	243.9	56.1	50.8	23.8	318.3	318.6	0.1	8.9	53.0	69.
24.9	73.4	7614.9	375.0	-32.3	-53.3	243.5	57.9	51.8	25.9	318.8	319.1	0.1	10.2	58.0	68.
26.3	77.2	8097.4	350.0	-36.5	-55.7	241.1	59.0	51.6	28.5	319.5	319.7	0.1	11.5	63.0	68.
28.0	81.0	8606.6	325.0	-41.1	99.9	238.9	79.5	68.0	41.1	320.0	999.9	99.9	999.9	70.9	67.
29.7	85.1	9144.3	300.0	-46.0	99.9	241.5	53.3	48.9	25.4	320.6	999.9	99.9	999.9	77.4	66.
31.7	89.3	9717.2	275.0	-50.7	99.9	247.6	56.3	52.1	21.8	321.9	999.9	99.9	999.9	83.8	66.
33.6	94.0	10331.7	250.0	-53.6	99.9	248.7	61.4	75.8	29.5	326.3	999.9	99.9	999.9	92.5	66.
35.5	98.6	11007.0	225.0	-53.2	99.9	237.2	69.1	59.1	37.4	333.9	999.9	99.9	999.9	100.7	66.
37.6	103.8	11747.5	200.0	-61.7	99.9	221.0	52.1	34.2	39.3	335.0	999.9	99.9	999.9	107.3	65.
40.3	109.5	12501.2	175.0	-59.7	99.9	243.7	73.5	65.9	32.6	351.5	999.9	99.9	999.9	117.6	64.
43.7	115.6	13549.0	150.0	-59.0	99.9	247.8	74.8	68.2	28.3	368.5	999.9	99.9	999.9	135.0	64.
47.7	122.5	14685.9	125.0	-62.0	99.9	248.9	60.2	58.2	21.7	382.7	999.9	99.9	999.9	147.8	65.
52.3	130.3	16065.1	100.0	-60.7	99.9	250.5	65.5	61.7	21.9	410.5	999.9	99.9	999.9	161.0	65.
58.0	138.3	17845.5	75.0	-63.4	99.9	249.6	40.6	38.1	14.1	440.0	999.9	99.9	999.9	176.9	64.
65.9	147.0	20342.0	50.0	-63.8	99.9	253.4	31.0	3.0	0.9	493.2	999.9	99.9	999.9	186.5	64.
77.3	156.0	24639.8	25.0	-61.4	99.9	263.8	20.1	20.0	2.2	608.2	999.9	99.9	999.9	199.3	67.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2025 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	275.0	974.7	11.7	7.8	200.0	3.1	1.1	2.9	287.8	305.7	6.8	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.5	10.5	488.6	950.0	6.7	4.8	225.4	5.2	3.7	3.6	285.8	301.7	5.7	76.3	0.2	41.
1.5	12.8	708.9	925.0	6.7	4.8	220.9	4.9	3.2	3.7	286.9	302.2	5.9	87.8	0.4	43.
2.3	15.2	933.6	900.0	5.3	2.1	230.3	8.0	6.1	5.1	287.6	300.8	5.0	79.6	0.7	47.
3.0	17.5	1163.5	875.0	3.9	-0.9	249.4	8.4	7.9	3.0	288.3	299.4	4.1	70.9	1.0	49.
3.8	20.0	1198.2	850.0	1.9	-2.7	250.1	9.5	9.3	3.4	288.6	298.6	3.7	71.5	2.0	55.
4.7	22.4	1638.6	825.0	0.2	-4.5	251.2	12.4	11.7	4.0	289.3	298.4	3.3	70.5	2.0	59.
5.6	24.9	1885.0	800.0	-0.5	-6.4	255.2	12.5	12.1	3.2	291.0	298.2	3.0	64.5	2.7	63.
6.5	27.3	2118.1	775.0	-1.6	-8.9	258.1	12.1	11.7	2.9	291.3	298.4	2.5	61.8	3.3	66.
7.4	30.1	2397.6	750.0	-3.8	-9.9	253.2	17.1	16.4	5.0	292.7	299.5	2.4	62.3	4.1	68.
8.3	32.7	2664.3	725.0	-5.9	-11.5	251.0	22.1	20.9	7.2	293.3	299.6	2.2	64.3	5.1	69.
9.3	35.4	2938.8	700.0	-7.2	-14.0	246.8	25.6	23.5	10.1	294.8	300.2	1.9	58.0	6.5	69.
10.2	38.0	3221.5	675.0	-8.8	-16.3	243.2	27.0	25.1	12.2	296.0	300.7	1.6	54.4	8.0	68.
11.2	40.8	3513.4	650.0	-10.0	-15.1	239.9	29.0	25.1	14.5	297.9	303.2	1.8	66.0	9.7	67.
12.2	43.8	3814.6	625.0	-12.7	-14.8	241.7	31.8	28.0	15.1	298.2	303.9	1.9	84.1	11.5	66.
13.2	46.6	4125.6	600.0	-14.1	-14.5	247.5	35.2	32.5	13.5	300.0	306.1	2.1	97.3	13.5	65.
14.3	49.7	4447.9	575.0	-15.6	-15.8	253.0	37.7	35.1	11.0	301.7	307.5	1.9	100.5	15.8	66.
15.3	52.5	4782.3	550.0	-17.3	-17.4	253.1	45.1	43.1	13.1	303.7	309.1	1.8	99.1	18.4	67.
16.7	55.6	5130.8	525.0	-18.5	-19.1	248.3	52.0	48.4	19.2	305.3	311.3	1.6	95.2	22.4	68.
17.6	58.9	5493.7	500.0	-20.1	-20.5	244.5	59.3	53.5	25.6	308.6	313.3	1.5	96.4	26.1	68.
19.1	62.1	5873.0	475.0	-21.9	-22.2	245.0	61.6	55.8	26.1	310.9	315.2	1.4	98.0	31.0	67.
20.5	65.6	6269.1	450.0	-24.7	-25.4	247.9	63.0	58.4	23.7	312.2	315.7	1.1	94.1	35.8	67.
21.8	69.0	6682.4	425.0	-27.9	-28.9	248.6	61.1	56.9	22.2	313.3	316.0	0.8	91.3	41.0	67.
23.1	72.6	7115.3	400.0	-30.9	-31.8	246.7	67.3	61.8	26.6	314.9	317.1	0.7	91.5	46.0	67.
24.6	76.3	7571.1	375.0	-33.7	-36.0	243.9	69.7	65.6	30.6	317.0	318.6	0.5	79.2	52.0	67.
26.3	80.4	8051.5	350.0	-37.5	-40.7	243.9	73.0	68.7	29.8	318.1	318.9	0.2	46.7	59.8	67.
28.1	84.1	8559.0	325.0	-41.8	-45.0	243.3	63.4	56.7	28.5	319.1	999.9	99.9	999.9	66.9	67.
30.0	88.5	9024.9	300.0	-46.5	-49.9	241.0	59.6	52.3	29.0	319.8	999.9	99.9	999.9	74.8	66.
32.2	93.2	9665.8	275.0	-51.7	-55.7	243.0	98.1	87.4	44.6	320.3	999.9	99.9	999.9	82.4	66.
34.2	97.9	10277.3	250.0	-56.3	-60.3	240.1	54.8	50.1	22.2	322.3	999.9	99.9	999.9	92.7	65.
36.8	102.6	10944.2	225.0	-56.1	-61.1	238.8	71.6	61.3	37.1	332.6	999.9	99.9	999.9	98.0	65.
39.2	108.3	11686.9	200.0	-60.3	-65.9	79.7	3.4	-3.4	-0.6	337.3	999.9	99.9	999.9	123.9	64.
42.0	114.0	12530.5	175.0	-55.7	-60.9	248.9	139.1	129.8	50.1	358.0	999.9	99.9	999.9	125.7	63.
45.6	120.3	13510.6	150.0	-57.7	-62.9	243.6	36.3	32.5	16.2	370.6	999.9	99.9	999.9	134.8	63.
49.9	127.0	14651.1	125.0	-61.3	-66.9	245.9	223.4	208.0	91.1	385.1	999.9	99.9	999.9	167.7	65.
54.7	134.3	16047.1	100.0	-59.9	-69.9	163.8	14.6	-4.1	14.0	412.0	999.9	99.9	999.9	205.5	64.
60.9	141.3	17829.9	75.0	-61.1	-70.9	63.8	47.0	-42.1	-20.8	444.9	999.9	99.9	999.9	180.3	66.
68.9	148.8	20341.1	50.0	-63.3	-72.9	60.6	45.0	-39.2	-22.1	490.4	999.9	99.9	999.9	192.7	66.
80.7	156.3	24618.8	25.0	-62.4	-70.9	999.9	99.9	99.9	99.9	605.8	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 327  
NASHVILLE, TENN  
6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	WIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	993.5	0.0	-2.9	320.0	4.1	2.6	-3.1	274.1	282.1	3.1	61.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	6.9	330.0	975.0	-2.4	-6.7	299.5	7.4	6.4	-3.6	273.1	279.2	2.4	72.2	0.3	124.
1.4	9.1	535.5	950.0	-4.5	-8.3	295.0	6.2	5.6	-2.6	273.0	279.5	2.5	86.7	0.6	121.
2.2	11.1	744.9	925.0	-6.0	-9.5	301.0	7.2	6.2	-3.7	273.5	280.1	2.5	95.9	0.9	119.
3.1	13.5	959.0	900.0	-7.6	-10.6	307.0	6.6	6.9	-5.2	274.0	280.3	2.4	100.5	1.3	121.
4.0	15.6	1178.2	875.0	-7.8	-10.6	300.2	10.6	9.1	-5.3	276.0	282.3	2.4	98.7	1.9	122.
5.3	17.9	1403.7	850.0	-8.3	-11.1	295.4	10.6	9.6	-4.6	277.7	283.7	2.3	94.2	2.4	121.
5.8	20.3	1635.5	825.0	-8.8	-11.4	294.8	11.6	10.6	-4.9	279.5	285.4	2.2	91.8	3.0	120.
6.6	22.6	1873.8	800.0	-9.3	-11.4	290.4	10.7	10.0	-3.7	281.4	285.9	2.0	84.7	3.6	119.
7.5	25.0	2118.9	775.0	-10.3	-12.9	291.0	9.4	8.8	-3.4	283.0	288.0	1.8	81.4	4.1	118.
8.5	27.4	2371.0	750.0	-11.8	-14.1	293.3	11.2	10.3	-4.4	286.0	288.8	1.7	82.6	4.7	117.
9.3	30.0	2630.2	725.0	-12.4	-13.9	291.2	12.9	12.0	-4.7	285.0	291.1	1.8	89.0	5.3	117.
10.4	32.6	2898.7	700.0	-12.6	-13.3	292.6	14.3	13.2	-5.5	288.7	294.2	1.9	94.3	6.2	116.
11.4	35.3	3175.8	675.0	-14.1	-15.5	293.8	15.7	14.3	-6.3	290.0	294.9	1.7	89.7	7.0	116.
12.4	37.8	3461.4	650.0	-15.8	-17.5	295.5	17.2	15.5	-7.4	291.2	295.5	1.5	86.7	8.1	115.
13.5	40.5	3751.2	625.0	-18.0	-20.3	294.8	18.5	16.8	-7.8	292.0	295.6	1.2	81.6	9.3	115.
14.6	43.3	4060.0	600.0	-20.3	-23.3	294.0	18.9	17.2	-7.7	292.7	295.6	1.0	76.6	10.5	115.
15.7	46.3	4373.6	575.0	-22.9	-28.2	293.4	18.6	17.3	-7.5	293.2	295.2	0.6	62.0	11.7	115.
16.9	49.4	4698.0	550.0	-25.3	-31.1	290.7	18.1	16.9	-6.4	294.1	295.7	0.5	58.0	13.1	115.
18.1	52.1	5034.1	525.0	-27.6	-35.8	286.8	18.7	17.9	-5.4	295.2	296.3	0.3	45.1	14.4	115.
19.3	55.3	5383.0	500.0	-30.5	-40.8	281.0	18.6	18.3	-3.6	295.8	296.5	0.2	35.3	15.7	113.
20.6	58.6	5745.1	475.0	-33.6	-44.1	278.1	20.4	20.2	-2.9	296.1	296.6	0.2	34.2	17.2	112.
21.9	62.0	6121.8	450.0	-36.9	-48.4	269.6	21.1	21.1	0.2	296.8	297.1	0.1	28.8	18.6	111.
23.1	65.4	6516.2	425.0	-38.7	-51.1	261.7	31.6	31.3	4.6	299.5	299.6	0.1	17.6	20.5	109.
24.6	69.0	6931.1	400.0	-40.0	-54.9	251.1	36.4	34.5	11.8	303.0	299.9	99.9	99.9	23.0	104.
26.0	72.5	7369.8	375.0	-42.4	-58.9	249.0	45.0	42.0	16.1	305.5	299.9	99.9	99.9	25.9	100.
27.6	76.5	7836.0	350.0	-42.3	-62.3	247.8	54.1	50.1	20.4	311.7	299.9	99.9	99.9	30.2	98.
29.5	80.6	8335.0	325.0	-44.5	-66.9	247.4	59.6	55.1	22.9	315.3	299.9	99.9	99.9	35.9	96.
31.0	84.8	8868.2	300.0	-46.9	-69.9	246.3	57.2	52.4	23.0	319.3	299.9	99.9	99.9	41.2	87.
33.1	89.2	9441.8	275.0	-48.6	-72.9	247.8	63.2	58.5	23.9	324.9	299.9	99.9	99.9	48.3	84.
35.1	94.2	10068.4	250.0	-49.8	-76.9	247.0	55.9	51.4	21.9	332.0	299.9	99.9	99.9	55.2	82.
37.2	99.2	10753.6	225.0	-51.8	-80.9	244.0	58.6	55.7	25.7	339.1	299.9	99.9	99.9	61.2	80.
39.5	104.5	11515.2	200.0	-53.4	-84.9	244.3	54.1	48.7	23.5	348.3	299.9	99.9	99.9	68.9	78.
42.0	110.6	12373.2	175.0	-54.2	-88.9	252.3	53.8	51.3	16.4	360.5	299.9	99.9	99.9	77.4	77.
45.1	117.0	13358.8	150.0	-55.8	-92.9	247.5	43.2	40.0	16.6	373.9	299.9	99.9	99.9	86.0	76.
48.2	124.7	14518.6	125.0	-57.2	-96.9	249.6	50.6	47.4	17.7	391.4	299.9	99.9	99.9	97.5	75.
51.9	133.0	15927.2	100.0	-56.8	-99.9	253.2	45.4	43.5	13.1	418.0	299.9	93.0	99.9	109.3	75.
59.8	142.0	17733.3	75.0	-58.5	-99.9	258.0	23.6	23.1	4.9	450.3	299.9	99.9	99.9	123.7	75.
67.7	153.0	20270.7	50.0	-62.7	-99.9	261.5	4.1	4.0	-0.8	485.6	299.9	99.9	99.9	133.7	75.
79.3	164.5	24523.9	25.0	-61.7	-99.9	999.9	99.9	99.9	99.9	607.7	299.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE °F TIME HAVE BEEN INTERPOLATED  
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT D C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MA RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.7	79.0	1012.9	0.0	-6.6	290.0	6.7	6.3	-2.3	272.4	276.4	2.3	61.0	0.0	0.
0.3	5.5	181.4	1000.0	-1.7	-10.3	303.6	9.9	8.2	-5.5	271.6	276.2	1.7	52.0	0.3	130.
0.9	7.6	381.9	975.0	-4.2	-10.4	304.7	9.3	7.6	-5.3	271.1	275.8	1.8	62.2	0.5	127.
1.8	9.9	585.9	950.0	-6.3	-10.2	300.4	9.2	7.9	-6.7	271.0	275.8	1.8	73.8	1.0	125.
2.4	12.0	793.5	925.0	-8.8	-10.1	303.6	8.3	6.9	-6.6	270.6	275.5	1.9	90.2	1.3	124.
3.3	14.3	1005.2	900.0	-10.8	-11.0	306.4	9.3	7.4	-5.5	270.6	275.4	1.8	98.4	1.8	124.
4.0	16.4	1222.4	875.0	-8.9	-9.8	312.7	8.9	6.5	-6.0	274.8	280.2	2.1	93.3	2.2	125.
4.9	18.8	1447.1	850.0	-9.0	-11.9	308.9	8.7	6.7	-5.4	276.9	281.8	1.8	79.4	2.6	127.
5.7	21.1	1677.9	825.0	-9.9	-13.7	303.4	12.1	10.1	-6.7	278.3	282.7	1.6	74.0	3.1	126.
6.6	23.5	1916.0	800.0	-8.6	-15.1	308.8	13.6	10.6	-6.5	282.2	286.3	1.5	59.0	3.8	126.
7.4	25.8	2162.4	775.0	-8.1	-16.4	298.9	13.1	11.5	-6.4	285.2	289.1	1.4	51.2	4.5	126.
8.4	28.3	2417.2	750.0	-8.1	-17.0	296.9	13.4	12.0	-6.1	286.0	291.8	1.3	48.4	5.2	124.
9.4	30.9	2680.5	725.0	-8.6	-18.4	300.5	15.1	13.0	-7.7	290.2	293.8	1.2	44.9	6.0	124.
10.3	33.4	2951.6	700.0	-10.5	-25.2	299.8	17.3	15.0	-8.6	290.9	293.0	0.7	28.9	6.9	123.
11.2	36.0	3230.4	675.0	-12.1	-31.3	297.5	18.1	16.0	-8.3	292.1	293.4	0.4	18.3	7.9	123.
12.3	38.9	3517.9	650.0	-14.3	-35.0	296.2	20.0	18.0	-8.9	292.8	293.8	0.3	15.2	9.2	122.
13.4	41.4	3814.4	625.0	-16.2	-37.8	298.4	21.7	19.1	-10.3	293.9	294.7	0.2	13.4	10.5	121.
14.4	44.3	4120.4	600.0	-18.3	-39.7	301.0	22.4	19.2	-11.5	295.0	295.6	0.2	13.1	11.9	121.
15.7	47.3	4436.4	575.0	-21.1	-40.8	300.4	24.9	21.4	-12.6	295.3	295.9	0.2	14.9	13.6	121.
16.9	50.3	4762.9	550.0	-24.1	-43.6	294.2	25.4	23.2	-10.4	295.4	295.9	0.1	14.6	15.4	121.
18.2	53.1	5099.9	525.0	-27.2	-46.0	290.2	25.5	23.9	-8.8	295.7	296.1	0.1	14.7	17.4	120.
19.5	56.1	5449.1	500.0	-30.3	-48.0	288.8	26.3	24.9	-8.5	296.0	296.4	0.1	15.8	19.4	119.
20.8	59.4	5811.2	475.0	-33.9	-50.1	289.6	26.0	24.5	-8.7	295.9	296.2	0.1	17.7	21.4	118.
22.3	62.9	6187.3	450.0	-37.4	-52.5	287.2	30.4	29.1	-9.0	296.1	296.4	0.1	18.8	23.9	117.
23.8	66.1	6560.5	425.0	-39.0	-54.6	281.9	32.2	31.5	-6.7	299.0	299.2	0.1	17.1	26.6	116.
25.2	69.7	6997.1	400.0	-37.6	-53.9	276.2	37.6	37.4	-4.0	306.1	306.3	0.1	16.1	29.3	114.
26.7	73.2	7440.7	375.0	-39.7	-55.4	270.7	42.5	42.5	-0.5	308.9	309.1	0.1	16.8	32.9	112.
28.6	77.2	7912.9	350.0	-39.8	-59.9	269.3	49.2	49.2	0.6	315.0	315.0	99.9	99.9	37.8	109.
30.6	81.0	8415.1	325.0	-42.2	-59.9	266.0	50.8	50.7	3.5	318.5	318.5	99.9	99.9	43.4	106.
32.4	85.3	8953.9	300.0	-44.9	-59.9	261.6	50.5	50.0	7.4	322.1	322.1	99.9	99.9	48.6	103.
34.6	89.6	9531.7	275.0	-47.0	-59.9	272.9	51.8	51.5	-2.6	327.1	327.1	99.9	99.9	55.3	101.
36.8	94.2	10159.0	250.0	-50.3	-59.9	269.8	48.5	48.5	0.1	331.3	331.3	99.9	99.9	61.9	100.
39.3	99.0	10844.5	225.0	-51.6	-59.9	271.5	63.2	63.1	-1.7	339.4	339.4	99.9	99.9	70.3	99.
42.1	104.2	11608.5	200.0	-52.4	-59.9	269.3	49.9	49.9	0.6	349.8	349.8	99.9	99.9	76.8	98.
45.4	110.0	12470.9	175.0	-53.3	-59.9	273.0	51.9	51.9	-2.7	361.9	361.9	99.9	99.9	89.0	97.
49.2	116.0	13464.1	150.0	-54.0	-59.9	268.1	40.2	40.2	1.4	377.1	377.1	99.9	99.9	97.2	96.
53.5	123.0	14624.8	125.0	-57.9	-59.9	258.0	32.6	31.9	6.8	390.2	390.2	99.9	99.9	109.0	95.
58.7	130.7	16025.8	100.0	-59.6	-59.9	272.7	30.4	30.3	-1.4	412.6	412.6	99.9	99.9	118.8	94.
64.8	138.7	17818.5	75.0	-61.1	-59.9	275.7	28.2	28.0	-2.8	444.8	444.8	99.9	99.9	132.9	94.
72.7	147.0	20337.9	50.0	-59.8	-59.9	263.4	6.0	6.0	0.7	502.6	502.6	99.9	99.9	141.4	94.
85.6	156.0	24627.1	25.0	-61.4	-59.9	999.9	99.9	99.9	99.9	608.2	608.2	99.9	99.9	999.9	999.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR 1 ME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2058 GMT

TIME MIN	CNTLT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG X	E HGT Y DG K	WX RTO GM/KG	RM PCT	192 RANGE KM	23. AZ DG
0.0	7.1	430.0	970.9	-9.9	-12.5	310.0	6.2	4.7	-4.0	265.7	269.8	1.5	81.0	0.0	0.
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	6.6	605.0	950.0	-12.7	-16.0	999.9	99.9	99.9	99.9	264.4	267.5	1.2	76.4	999.9	99.9
1.1	10.7	608.0	925.0	-14.6	-15.5	999.9	99.9	99.9	99.9	264.5	267.6	1.2	93.0	999.9	99.9
1.8	12.8	1014.8	900.0	-16.6	-16.7	305.5	9.1	7.4	-5.3	264.5	267.5	1.1	99.2	0.8	128.
2.7	15.0	1226.4	875.0	-15.8	-16.9	326.2	11.0	6.6	-9.8	267.5	270.5	1.2	91.1	1.4	132.
3.4	17.0	1445.8	850.0	-13.9	-15.0	328.5	12.1	6.3	-10.3	271.8	275.5	1.4	91.2	1.8	137.
4.1	19.1	1573.1	825.0	-12.9	-14.2	329.6	13.6	6.9	-11.7	275.1	279.3	1.5	90.3	2.4	139.
5.6	21.2	1909.0	800.0	-13.2	-14.8	334.6	15.4	6.6	-13.9	277.2	281.4	1.5	88.2	3.1	142.
5.9	23.3	2149.8	775.0	-13.2	-15.6	326.4	15.1	8.4	-12.6	279.8	283.8	1.5	82.4	4.0	145.
6.9	25.8	2401.9	750.0	-9.4	-15.0	315.7	17.6	12.3	-12.6	286.6	291.1	1.6	63.3	5.0	144.
7.7	28.1	2663.8	725.0	-9.7	-17.2	310.3	15.9	12.1	-10.3	289.0	292.9	1.4	54.1	5.8	142.
8.6	30.6	2935.1	700.0	-11.1	-20.7	305.9	15.6	12.6	-9.1	290.3	293.4	1.0	44.8	6.6	140.
9.6	33.1	3212.2	675.0	-13.4	-23.9	305.0	16.7	13.7	-9.6	290.7	293.1	0.8	40.8	7.5	138.
10.7	35.5	3499.1	650.0	-15.9	-25.8	300.7	16.7	14.3	-8.5	291.0	293.2	0.7	42.0	8.5	137.
11.6	38.1	3792.4	625.0	-18.0	-28.5	294.3	16.3	14.9	-6.7	291.9	293.7	0.6	38.8	9.5	135.
12.8	40.7	4096.4	600.0	-20.5	-31.3	292.5	17.5	16.2	-6.7	292.4	293.9	0.5	37.0	10.5	132.
14.0	43.4	4409.7	575.0	-22.9	-35.2	293.6	19.2	17.6	-7.7	293.1	294.2	0.3	31.4	11.7	130.
15.2	46.4	4736.3	550.0	-25.1	-36.3	297.1	21.1	18.7	-9.6	294.3	295.1	0.3	27.8	13.2	128.
16.3	49.3	5070.4	525.0	-27.9	-40.8	301.4	21.7	18.5	-11.3	294.9	295.6	0.2	27.5	14.6	128.
17.6	52.1	5419.0	500.0	-30.6	-43.2	301.5	19.9	17.0	-10.4	295.7	296.3	0.2	27.6	16.2	127.
18.4	55.1	5781.3	475.0	-33.5	-45.7	306.8	17.3	15.4	-7.8	296.5	296.9	0.1	27.7	17.5	126.
20.0	58.1	6158.5	450.0	-36.7	-48.5	307.0	20.0	16.0	-12.0	297.1	297.4	0.1	27.8	18.8	126.
21.3	61.6	6559.2	425.0	-37.8	-48.9	312.3	23.1	17.1	-15.6	300.6	300.9	0.1	29.8	20.5	126.
22.7	65.0	6969.2	400.0	-40.3	-49.9	313.9	25.0	18.0	-17.3	302.6	302.9	99.9	99.9	22.5	127.
24.4	68.3	7400.7	375.0	-43.0	-49.9	320.8	23.8	15.0	-18.5	304.7	309.9	99.9	99.9	24.8	128.
26.1	72.0	7869.0	350.0	-45.6	-49.9	316.2	26.6	18.4	-19.2	307.3	309.9	99.9	99.9	27.5	129.
28.0	76.0	8359.8	325.0	-48.7	-49.9	310.6	28.6	21.7	-18.6	309.6	309.9	99.9	99.9	30.5	130.
29.9	80.1	8885.5	300.0	-50.7	-49.9	301.5	30.6	26.1	-16.0	314.0	309.9	99.9	99.9	33.9	129.
31.8	84.2	9449.1	275.0	-51.3	-49.9	299.6	29.0	27.3	-9.7	320.9	309.9	99.9	99.9	37.4	128.
33.9	88.8	10066.1	250.0	-53.2	-49.9	278.9	37.3	36.9	-5.6	327.0	309.9	99.9	99.9	41.0	125.
36.1	93.8	10742.8	225.0	-53.4	-49.9	293.5	36.6	35.6	-8.6	336.7	309.9	99.9	99.9	45.6	123.
38.7	99.0	11504.1	200.0	-50.7	-49.9	280.2	32.1	31.6	-5.7	352.5	309.9	99.9	99.9	51.2	121.
41.8	105.0	12369.6	175.0	-53.5	-49.9	278.0	36.9	36.5	-3.5	361.6	309.9	99.9	99.9	57.7	118.
45.1	111.3	13357.8	150.0	-54.1	-49.9	285.5	40.7	39.2	-10.9	376.8	309.9	99.9	99.9	64.2	116.
49.1	118.5	14521.7	125.0	-56.9	-49.9	268.3	27.6	29.6	0.8	391.9	309.9	99.9	99.9	72.1	115.
54.1	126.7	15933.6	100.0	-58.8	-49.9	277.2	34.2	34.2	-4.3	417.9	309.9	99.9	99.9	80.6	112.
60.2	136.3	17735.2	75.0	-59.3	-49.9	276.0	21.9	21.4	-2.2	448.6	309.9	99.9	99.9	89.8	111.
67.8	146.0	20254.2	50.0	-59.8	-49.9	274.0	23.6	23.3	-3.7	502.5	309.9	99.9	99.9	100.3	109.
80.2	157.0	24541.1	25.0	-61.3	-49.9	999.9	99.9	99.9	99.9	608.9	309.9	99.9	99.9	999.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
POOR QUALITY

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	1095.0	897.0	-2.8	-8.4	310.0	5.1	3.9	-3.3	279.2	285.2	2.3	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	16.5	1290.7	875.0	-5.5	-12.1	296.0	3.8	3.5	-1.6	278.2	283.0	1.7	60.0	0.2	121.
1.6	18.9	1518.4	850.0	-3.9	-15.5	311.1	4.9	3.7	-3.2	282.3	286.0	1.3	39.7	0.4	121.
2.4	21.2	1750.1	825.0	-4.4	-17.5	329.1	4.2	2.1	-3.6	284.1	287.5	1.2	34.8	0.6	128.
3.3	23.7	1900.4	800.0	-6.7	-19.5	323.9	4.0	2.3	-3.2	286.2	287.1	1.0	35.1	0.8	135.
4.2	26.1	2242.6	775.0	-8.2	-22.1	296.1	5.7	5.1	-2.5	285.1	287.6	0.8	31.5	1.0	133.
5.2	28.7	2497.2	750.0	-9.2	-22.2	297.0	7.1	6.4	-3.2	286.7	289.2	0.9	33.8	1.4	128.
6.2	31.1	2759.4	725.0	-9.7	-23.0	295.7	8.5	7.7	-3.7	289.0	291.6	0.9	35.7	1.9	125.
7.1	34.1	3029.2	700.0	-11.9	-25.0	310.2	8.3	8.3	-5.3	289.4	292.2	0.9	42.6	2.4	126.
8.2	36.7	3306.7	675.0	-13.4	-25.9	326.7	9.1	5.3	-7.5	290.7	292.8	0.7	34.1	2.9	128.
9.2	39.3	3593.0	650.0	-15.1	-30.7	323.2	11.5	6.9	-9.2	291.9	293.3	0.5	24.9	3.5	131.
10.2	42.2	3868.3	625.0	-17.1	-35.8	317.8	12.2	8.2	-9.1	292.9	293.7	0.3	16.0	4.2	133.
11.3	45.2	4193.7	600.0	-18.9	-40.4	318.9	12.3	8.1	-9.3	294.2	294.8	0.2	12.9	5.0	133.
12.3	48.3	4509.4	575.0	-20.7	-41.8	320.6	11.6	7.4	-9.0	295.7	296.2	0.2	13.1	5.7	136.
13.5	51.3	4837.4	550.0	-21.6	-40.9	319.8	12.1	7.8	-9.3	298.2	298.8	0.2	15.8	6.5	135.
14.7	54.5	5179.3	525.0	-22.7	-42.3	311.3	15.6	11.8	-10.3	301.1	301.7	0.2	14.6	7.5	135.
15.9	57.6	5516.0	500.0	-24.7	-45.1	305.7	18.3	14.1	-11.7	302.9	303.4	0.1	14.5	8.8	136.
17.2	61.1	5907.3	475.0	-27.2	-48.0	305.3	23.8	19.4	-13.8	305.3	304.7	0.1	14.6	10.3	136.
18.7	64.7	6296.2	450.0	-28.1	-48.6	301.3	34.2	29.2	-17.8	307.9	308.4	0.1	14.9	12.8	131.
20.2	68.2	6705.0	425.0	-30.3	-48.9	301.3	40.9	35.0	-21.2	310.1	310.6	0.1	17.8	16.1	129.
21.6	71.8	7134.2	400.0	-32.0	-50.1	300.8	46.6	40.1	-23.9	313.3	313.6	0.1	14.6	20.0	126.
23.1	75.8	7587.3	375.0	-34.9	-52.3	300.0	53.9	46.6	-27.0	315.3	315.4	0.1	15.0	24.5	126.
24.8	80.1	8044.7	350.0	-38.9	-55.9	297.9	53.0	48.8	-24.8	316.3	316.9	99.9	99.9	29.8	125.
26.5	84.4	8570.5	325.0	-41.3	-59.9	293.7	54.0	49.5	-21.7	319.7	319.9	99.9	99.9	35.2	124.
28.4	88.8	9109.3	300.0	-45.4	-61.9	296.0	57.4	51.6	-25.2	321.4	321.4	99.9	99.9	41.8	122.
30.5	93.8	9681.7	275.0	-50.0	-65.9	297.9	50.3	44.4	-23.5	322.8	322.8	99.9	99.9	47.8	121.
32.3	99.0	10102.0	250.0	-53.4	-69.9	99.9	99.9	99.9	99.9	326.7	326.7	99.9	99.9	99.9	99.9
34.4	104.3	10975.6	225.0	-56.8	-73.9	99.9	99.9	99.9	99.9	331.8	331.8	99.9	99.9	99.9	99.9
37.4	110.2	11721.9	200.0	-58.3	-75.9	99.9	99.9	99.9	99.9	333.7	333.7	99.9	99.9	99.9	99.9
40.4	116.5	12565.7	175.0	-58.4	-75.9	99.9	99.9	99.9	99.9	333.6	333.6	99.9	99.9	99.9	99.9
43.9	123.7	13517.7	150.0	-58.8	-75.9	300.9	45.9	39.4	-23.6	338.8	338.8	99.9	99.9	87.5	119.
48.3	131.3	14678.4	125.0	-61.5	-75.9	298.9	33.4	29.2	-16.1	383.7	383.7	99.9	99.9	98.5	119.
53.3	139.3	16060.6	100.0	-62.2	-75.9	294.4	45.4	41.3	-18.7	427.6	427.6	99.9	99.9	109.9	118.
58.6	147.7	17822.1	75.0	-64.9	-75.9	99.9	99.9	99.9	99.9	436.9	436.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.3	4.0	1005.0	13.9	5.0	999.9	99.9	99.9	99.9	287.4	301.8	5.5	55.0	999.9	999.9
0.2	5.7	46.1	1000.0	13.3	4.6	999.9	99.9	99.9	99.9	287.2	301.2	5.3	55.6	999.9	999.9
1.1	7.9	259.3	975.0	11.0	3.3	999.9	99.9	99.9	99.9	286.9	300.1	5.0	56.4	999.9	999.9
2.1	10.2	474.3	970.0	8.7	2.6	999.9	99.9	99.9	99.9	286.6	299.5	4.9	65.5	999.9	999.9
2.9	12.4	694.6	925.0	7.1	1.6	999.9	99.9	99.9	99.9	287.2	299.8	4.7	68.8	999.9	999.9
3.7	14.7	919.4	900.0	5.5	-0.5	999.9	99.9	99.9	99.9	287.7	298.7	4.1	65.3	999.9	999.9
4.6	17.0	1149.1	875.0	4.1	-2.1	999.9	99.9	99.9	99.9	288.5	298.7	3.8	64.2	999.9	999.9
5.4	19.4	1384.4	850.0	2.3	-4.6	999.9	99.9	99.9	99.9	289.0	297.7	3.2	60.2	999.9	999.9
6.3	21.8	1624.8	825.0	0.3	-7.3	999.9	99.9	99.9	99.9	289.3	296.7	2.7	56.4	999.9	999.9
7.2	24.4	1870.9	800.0	-1.6	-10.7	999.9	99.9	99.9	99.9	289.7	296.7	2.5	58.4	999.9	999.9
8.0	26.7	2121.1	775.0	-2.9	-13.4	999.9	99.9	99.9	99.9	290.9	296.8	2.1	51.8	999.9	999.9
9.0	29.4	2382.6	750.0	-3.5	-16.3	999.9	99.9	99.9	99.9	292.9	296.1	1.1	28.2	999.9	999.9
9.9	32.0	2650.3	725.0	-3.9	-19.5	999.9	99.9	99.9	99.9	295.2	296.9	0.5	13.9	999.9	999.9
11.0	36.9	2926.0	700.0	-5.8	-37.8	999.9	99.9	99.9	99.9	296.1	296.6	0.2	4.9	999.9	999.9
12.3	37.5	3209.9	675.0	-7.7	-54.6	999.9	95.9	92.9	99.9	297.0	297.1	0.0	1.0	999.9	999.9
13.4	40.4	3502.7	650.0	-9.0	-55.4	999.9	99.9	99.9	99.9	298.8	298.9	0.0	1.0	999.9	999.9
14.7	43.3	3804.8	625.0	-11.4	-57.1	999.9	99.9	99.9	99.9	299.4	299.5	0.0	1.0	999.9	999.9
15.8	46.3	4116.4	600.0	-13.6	-58.6	999.9	99.9	99.9	99.9	300.3	300.4	0.0	1.0	999.9	999.9
16.9	49.4	4439.0	575.0	-15.4	-36.5	999.9	99.9	99.9	99.9	302.0	303.1	0.3	17.0	999.9	999.9
18.0	52.4	4773.1	550.0	-17.6	-28.7	999.9	99.9	99.9	99.9	303.3	306.2	0.9	53.8	999.9	999.9
19.1	55.7	5121.0	525.0	-18.8	-24.0	999.9	99.9	99.9	99.9	305.0	309.3	1.0	63.2	999.9	999.9
20.2	59.0	5482.6	500.0	-21.6	-25.0	999.9	99.9	99.9	99.9	305.8	310.0	1.0	73.9	999.9	999.9
21.5	62.6	5863.1	475.0	-23.0	-24.8	999.9	99.9	99.9	99.9	309.5	313.0	1.1	85.2	999.9	999.9
23.0	66.0	6254.5	450.0	-25.2	-26.7	999.9	99.9	99.9	99.9	311.6	314.7	1.0	87.3	999.9	999.9
24.4	69.8	6667.7	425.0	-28.2	-29.8	999.9	99.9	99.9	99.9	312.9	315.4	0.0	86.1	999.9	999.9
25.9	73.5	7100.4	400.0	-31.4	-31.3	999.9	99.9	99.9	99.9	314.2	316.1	0.6	83.6	999.9	999.9
27.5	77.7	7554.1	375.0	-34.9	-37.0	999.9	99.9	99.9	99.9	315.3	316.8	0.4	81.2	999.9	999.9
29.1	81.7	8031.6	350.0	-37.0	-44.2	999.9	99.9	99.9	99.9	318.8	319.6	0.2	46.5	999.9	999.9
30.9	86.0	8511.0	325.0	-41.6	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.9
33.0	90.8	9077.9	300.0	-46.8	99.9	999.9	99.9	99.9	99.9	320.6	999.9	99.9	999.9	999.9	999.9
34.9	95.6	9648.3	275.0	-51.5	99.9	999.9	99.9	99.9	99.9	320.6	999.9	99.9	999.9	999.9	999.9
36.8	100.7	10261.1	250.0	-55.6	99.9	999.9	99.9	99.9	99.9	323.5	999.9	99.9	999.9	999.9	999.9
38.9	106.2	10929.1	225.0	-57.1	99.9	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.9
41.3	112.0	11675.8	200.0	-56.9	99.9	999.9	99.9	99.9	99.9	342.6	999.9	99.9	999.9	999.9	999.9
43.9	118.3	12532.6	175.0	-53.3	99.9	999.9	99.9	99.9	99.9	362.0	999.9	99.9	999.9	999.9	999.9
46.8	125.5	13517.6	150.0	-57.7	99.9	999.9	99.9	99.9	99.9	370.7	999.9	99.9	999.9	999.9	999.9
49.8	133.0	14668.2	125.0	-54.8	99.9	999.9	99.9	99.9	99.9	392.2	999.9	99.9	999.9	999.9	999.9
53.4	140.5	16066.3	100.0	-61.1	99.9	999.9	99.9	99.9	99.9	409.8	999.9	99.9	999.9	999.9	999.9
58.2	148.7	17860.6	75.0	-61.1	99.9	999.9	99.9	99.9	99.9	444.8	999.9	99.9	999.9	999.9	999.9
64.7	157.3	20367.8	50.0	-62.7	99.9	999.9	99.9	99.9	99.9	495.9	999.9	99.9	999.9	999.9	999.9
75.2	166.0	24641.2	25.0	-62.9	99.9	999.9	99.9	99.9	99.9	604.0	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	1.1	85.0	999.8	6.6	3.8	0.0	0.0	0.0	0.0	280.8	293.8	5.0	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.8	250.5	975.0	6.8	0.4	290.9	1.9	1.8	-0.7	282.5	293.1	4.0	63.7	0.1	70.
1.3	10.7	463.6	950.0	5.2	-1.1	308.4	4.6	3.6	-2.9	283.0	292.9	3.7	63.7	0.2	100.
2.1	12.8	680.9	925.0	3.8	-2.6	309.4	7.5	5.8	-4.7	283.6	292.8	3.4	63.0	0.5	120.
2.9	15.0	902.8	900.0	1.6	-3.6	304.5	8.4	6.9	-4.8	283.6	292.3	3.3	68.1	0.9	124.
3.7	16.9	1129.6	875.0	0.4	-3.6	294.1	7.4	6.8	-3.0	284.6	293.6	3.4	74.6	1.2	123.
4.5	19.1	1361.4	850.0	-1.7	-3.3	288.0	8.3	7.9	-2.6	284.8	294.2	3.5	88.7	1.6	119.
5.5	21.2	1598.4	825.0	-3.5	-4.2	289.3	9.8	9.8	0.1	285.3	294.5	3.4	95.0	2.1	115.
6.2	23.5	1841.0	800.0	-5.7	-6.1	260.5	16.4	10.3	1.7	285.4	293.6	3.0	97.1	2.5	109.
7.1	25.7	2062.4	775.0	-7.5	-7.7	254.9	11.0	10.6	2.9	286.1	293.7	2.8	98.5	3.0	104.
8.0	28.0	2343.9	750.0	-9.4	-9.5	254.3	13.8	13.3	3.7	286.7	293.5	2.5	98.5	3.5	99.
8.9	30.4	2606.7	725.0	-8.1	-23.2	255.7	16.7	16.2	4.1	290.7	292.9	0.7	25.4	4.3	94.
9.8	32.9	2879.2	700.0	-8.0	-30.9	257.9	19.1	18.7	4.0	293.6	294.9	0.4	13.8	5.2	91.
10.6	35.3	3161.3	675.0	-9.4	-30.4	257.6	21.6	21.1	4.6	295.2	296.6	0.4	16.1	6.4	89.
11.6	37.8	3451.9	650.0	-11.0	-30.8	254.7	23.0	22.1	6.1	296.5	297.9	0.4	17.6	7.8	87.
12.9	40.3	3752.1	625.0	-12.6	-33.4	254.5	23.8	22.9	6.3	298.1	299.2	0.4	15.6	9.3	84.
14.0	42.9	4062.4	600.0	-15.0	-37.0	255.7	26.6	25.8	6.6	298.7	299.6	0.3	13.3	10.9	83.
15.1	45.6	4382.5	575.0	-17.6	-38.7	250.8	28.7	27.1	9.5	299.3	300.1	0.2	13.8	12.7	82.
16.5	48.5	4713.6	550.0	-20.2	-37.9	248.4	28.3	26.3	10.4	300.1	301.0	0.3	18.7	15.2	80.
17.6	51.1	5055.9	525.0	-23.4	-39.8	249.4	26.7	25.0	9.4	300.2	301.0	0.2	20.5	17.0	78.
18.6	54.1	5410.1	500.0	-27.2	-37.0	251.8	29.2	27.8	9.1	299.8	300.6	0.3	38.8	18.6	78.
19.6	56.9	5777.1	475.0	-30.8	-38.6	251.3	28.5	27.0	9.2	299.8	300.7	0.3	46.9	20.3	77.
20.7	60.1	6156.9	450.0	-33.3	-37.7	249.6	34.4	32.2	12.0	301.4	302.4	0.3	64.3	22.4	77.
22.2	63.4	6559.4	425.0	-34.8	-40.0	252.3	42.1	40.1	12.8	304.4	305.3	0.3	58.9	25.6	76.
23.9	66.6	6982.4	400.0	-35.8	-42.2	252.5	55.6	53.1	16.7	308.4	309.2	0.2	51.4	30.5	75.
25.3	70.0	7429.4	375.0	-37.6	-44.0	250.0	68.4	64.2	23.4	311.8	312.5	0.2	50.7	35.9	75.
26.5	73.2	7902.4	350.0	-40.9	99.9	248.8	68.19	63.5	24.6	313.6	314.6	99.9	99.9	40.7	74.
28.1	77.0	8402.1	325.0	-44.2	99.9	246.8	74.59	68.4	25.4	315.7	316.7	99.9	99.9	47.5	73.
30.0	80.9	8934.3	300.0	-48.7	99.9	245.8	77.39	70.5	21.7	316.7	317.0	99.9	99.9	50.1	72.
31.7	85.0	9499.4	275.0	-54.0	99.9	245.8	80.48	73.2	33.2	317.0	317.0	99.9	99.9	63.7	71.
33.7	89.2	10104.4	250.0	-59.0	99.9	245.8	81.08	73.8	33.2	318.4	318.4	99.9	99.9	73.4	70.
36.1	94.0	10775.2	225.0	-53.9	99.9	242.1	64.19	56.6	30.0	336.0	336.0	99.9	99.9	83.7	70.
38.4	98.8	11300.0	200.0	-55.7	99.9	251.5	58.79	55.7	18.6	344.5	344.5	99.9	99.9	93.9	70.
41.0	104.0	11.11.5	175.0	-54.7	99.9	250.8	65.39	61.6	21.5	354.7	354.7	99.9	99.9	102.1	70.
44.0	110.0	11.11.4	150.0	-55.3	99.9	250.7	60.09	56.6	19.8	374.8	374.8	99.9	99.9	115.7	70.
48.3	116.3	14523.2	125.0	-57.6	99.9	246.3	46.59	42.6	18.7	340.8	340.8	99.9	99.9	127.9	70.
52.6	124.0	15936.1	100.0	-58.4	99.9	246.5	43.29	39.6	17.2	414.9	414.9	99.9	99.9	138.4	70.
58.3	132.0	17743.1	75.0	-61.3	99.9	246.7	23.09	21.1	9.1	444.9	444.9	99.9	99.9	150.7	70.
65.7	140.7	20246.8	50.0	-64.6	99.9	252.7	56.29	53.7	16.7	491.3	491.3	99.9	99.9	161.0	70.
74.9	149.3	24520.4	25.0	-62.5	99.9	999.9	99.9	99.9	99.9	805.4	805.4	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
MONTINGTON, WA6 FEBRUARY 1975  
2015 GMT

TIME M14	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	7.3	246.0	979.4	2.2	-0.1	290.0	5.1	4.0	-1.7	277.5	287.5	3.9	85.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	7.7	242.4	975.0	1.7	-0.5	272.6	5.8	5.7	-0.3	277.3	287.1	3.4	85.4	0.1	46.
0.8	9.0	491.2	950.0	-0.5	-1.7	260.0	7.1	7.1	1.3	277.1	286.3	3.6	91.9	0.3	84.
1.5	11.7	704.2	925.0	-1.9	-2.4	257.1	8.4	8.2	1.9	277.0	286.0	3.5	96.4	0.6	81.
2.2	13.8	921.6	900.0	-3.4	-3.4	250.4	9.9	9.7	2.0	276.4	287.1	3.3	100.3	1.0	79.
2.9	15.9	1144.0	875.0	-4.9	-4.9	242.0	10.2	10.1	1.4	279.1	287.1	3.0	100.4	1.4	80.
3.5	18.1	1371.5	850.0	-6.2	-6.2	243.4	9.0	8.9	1.0	280.0	287.4	2.8	100.2	1.6	80.
4.2	20.2	1605.1	825.0	-7.0	-7.0	242.5	9.2	9.1	1.2	281.5	288.9	2.7	100.1	2.1	81.
4.8	22.5	1844.8	800.0	-8.3	-8.3	250.2	9.3	9.1	1.7	282.6	289.5	2.6	99.9	2.5	81.
5.6	24.9	2090.9	775.0	-9.7	-9.7	249.2	11.1	10.6	4.0	284.7	291.6	2.5	99.1	2.9	80.
6.1	27.0	2345.3	750.0	-9.0	-9.2	249.0	12.1	11.8	4.3	287.1	294.1	2.5	98.5	3.3	78.
6.8	29.5	2607.1	725.0	-11.0	-11.3	242.6	13.3	12.7	4.0	287.7	293.8	2.2	97.4	3.9	77.
7.6	32.0	2875.1	700.0	-12.4	-12.6	253.2	15.2	14.5	4.4	277.0	294.7	2.0	96.7	4.5	77.
8.4	34.7	3153.5	675.0	-13.6	-14.4	252.0	15.2	14.5	4.5	290.6	295.9	1.8	93.7	5.3	76.
9.2	37.0	3474.9	650.0	-14.8	-15.9	253.4	15.4	14.7	4.4	292.4	297.7	1.7	91.4	5.9	76.
10.1	39.8	3736.0	625.0	-16.7	-18.3	252.3	17.3	16.4	5.2	293.5	297.7	1.4	87.5	7.0	76.
10.9	42.1	4041.9	600.0	-18.4	-20.4	246.3	17.2	15.7	6.9	294.9	298.7	1.2	83.9	7.6	75.
11.7	45.1	4358.5	575.0	-20.5	-22.5	243.9	21.1	18.9	9.3	296.1	299.3	1.1	83.5	8.6	74.
12.6	48.1	4686.2	550.0	-22.6	-25.2	245.4	23.4	21.3	9.7	297.3	300.1	0.9	79.7	9.8	73.
13.5	50.9	5026.3	525.0	-24.9	-27.9	245.6	24.6	22.2	10.1	298.6	300.8	0.7	75.6	11.1	72.
14.5	54.0	5379.1	500.0	-27.9	-31.7	244.0	25.9	23.3	11.3	299.1	300.8	0.5	69.4	12.5	71.
15.4	57.0	5745.7	475.0	-30.8	-34.6	240.4	26.4	22.9	13.0	299.9	301.2	0.4	68.8	14.0	70.
16.4	60.3	6127.4	450.0	-33.7	-37.7	238.0	26.0	22.4	14.6	300.9	302.0	0.3	65.6	15.5	69.
17.3	63.8	6525.4	425.0	-37.1	-41.2	236.0	30.1	23.4	19.6	301.5	302.3	0.2	64.8	17.1	68.
18.4	67.1	6941.6	400.0	-40.2	-44.9	234.0	33.9	25.9	21.7	302.8	309.9	0.9	69.9	18.9	68.
19.6	70.8	7360.4	375.0	-42.0	-46.9	234.0	38.3	28.3	27.0	306.0	309.9	0.9	69.9	21.5	64.
20.7	74.6	7845.2	350.0	-43.7	-48.9	234.0	42.1	29.6	33.6	309.8	309.9	0.9	69.9	25.2	63.
22.0	78.7	8341.6	325.0	-45.5	-51.3	235.1	46.6	34.0	39.1	314.0	309.9	0.9	69.9	30.3	62.
23.3	82.8	8872.7	300.0	-48.0	-54.9	235.1	50.4	36.2	36.2	317.0	309.9	0.9	69.9	35.4	60.
24.8	87.0	9444.3	275.0	-49.6	-57.6	235.6	51.9	35.0	35.0	323.4	309.9	0.9	69.9	41.0	60.
26.5	92.0	10066.3	250.0	-50.7	-59.0	235.6	56.2	34.9	29.9	330.7	309.9	0.9	69.9	46.9	59.
28.2	96.8	10753.3	225.0	-50.7	-61.2	235.6	53.4	34.0	25.0	340.8	309.9	0.9	69.9	52.9	60.
30.4	102.2	11519.4	200.0	-51.4	-63.3	235.6	46.9	34.0	22.3	351.4	309.9	0.9	69.9	59.2	60.
32.6	108.3	12382.3	175.0	-53.3	-65.5	242.4	45.2	34.0	21.4	362.0	309.9	0.9	69.9	66.2	60.
35.5	114.7	13369.2	150.0	-55.7	-67.9	246.3	42.3	38.0	17.0	374.1	309.9	0.9	69.9	73.4	61.
38.0	122.0	14529.0	125.0	-55.0	-69.9	249.0	40.0	41.8	16.0	393.0	309.9	0.9	69.9	82.0	61.
42.3	130.6	15965.0	100.0	-55.7	-69.9	246.2	38.2	33.1	14.6	421.5	309.9	0.9	69.9	90.7	62.
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 18 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY 31 THIS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2015 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCY	RANGE KM	AZ DG
0.0	7.5	298.0	975.2	-1.6	-3.5	270.0	6.2	5.8	-2.1	273.9	281.7	3.0	87.0	0.0	0.
00.0	99.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	7.5	299.6	975.0	-1.6	-3.5	280.9	6.4	6.0	-2.1	273.9	281.7	1.0	87.2	0.0	3.
1.0	9.7	505.7	930.0	-3.7	-4.1	275.4	9.3	9.3	-0.9	273.8	281.4	3.0	47.0	0.5	80.
1.0	11.6	715.6	925.0	-6.0	-6.0	279.1	9.0	9.6	-1.5	273.6	280.4	2.6	90.4	1.0	94.
2.0	13.7	929.8	900.0	-7.3	-7.4	283.2	8.9	8.7	-2.0	274.3	280.7	2.4	94.	1.5	96.
3.0	15.8	1149.1	875.0	-8.1	-8.2	289.8	9.9	9.3	-3.4	275.7	281.9	2.4	99.0	2.1	99.
4.0	17.9	1374.2	850.0	-8.8	-8.9	289.9	8.7	8.2	-3.0	277.2	283.3	2.3	99.0	2.6	101.
5.0	20.2	1605.2	825.0	-10.0	-10.2	291.5	7.1	6.6	-2.6	278.3	284.0	2.1	98.0	3.0	102.
6.0	22.3	1842.6	800.0	-10.1	-10.3	278.3	8.3	8.2	-1.2	280.7	284.6	2.2	98.	3.4	103.
7.0	24.6	2087.6	775.0	-10.4	-11.0	271.8	9.8	9.8	-0.3	282.8	287.7	2.1	94.	3.9	101.
8.0	26.8	2339.5	750.0	-11.9	-12.6	275.1	10.2	10.2	-0.9	283.9	284.3	1.9	91.3	4.4	100.
9.0	29.3	2594.2	725.0	-13.9	-14.7	272.0	10.2	10.8	-0.4	284.4	284.7	1.7	3.6	4.5	100.
9.9	31.0	2864.0	705.0	-15.7	-16.1	268.6	10.9	10.9	1.0	285.3	289.7	1.6	96.8	5.4	99.
10.0	34.3	3137.7	675.0	-16.9	-17.2	260.8	11.5	11.3	1.8	286.9	291.0	1.6	97.3	6.0	97.
11.0	36.7	3422.0	650.0	-18.3	-18.3	262.5	13.0	12.9	1.7	290.7	294.8	1.4	84.9	6.6	96.
12.0	39.2	3716.6	625.0	-17.6	-23.9	264.0	13.4	13.3	1.6	292.5	295.1	0.9	57.5	7.5	94.
13.0	41.8	4021.4	600.0	-19.4	-27.1	265.8	13.2	13.1	1.2	293.7	295.8	0.7	49.3	8.3	93.
14.0	44.6	4336.3	575.0	-21.8	-31.8	265.4	12.7	12.6	1.0	294.4	295.8	0.5	40.0	9.1	92.
15.0	47.6	4662.0	550.0	-24.4	-32.4	268.2	11.5	11.5	0.4	295.2	296.6	0.5	47.2	9.9	92.
16.0	50.5	4999.6	525.0	-27.0	-32.6	267.1	11.3	11.3	0.6	295.9	297.4	0.5	58.7	10.7	92.
17.0	53.5	5149.1	500.0	-30.0	-36.2	265.9	11.3	11.2	1.5	296.5	297.6	0.3	58.1	11.4	91.
18.0	56.5	5282.2	475.0	-33.0	-38.9	261.2	11.3	11.1	1.7	297.1	298.0	0.3	55.4	12.2	91.
19.0	59.9	5489.9	450.0	-36.3	-41.7	258.3	12.8	12.4	3.0	297.6	298.3	0.2	57.8	13.1	90.
20.0	63.4	5683.7	425.0	-39.7	-49.9	258.1	15.2	14.8	4.1	298.2	299.9	99.9	99.9	14.2	89.
21.0	66.7	5895.0	400.0	-43.1	-49.9	255.8	16.5	16.0	8.4	299.0	299.9	99.9	99.9	15.5	88.
22.0	70.4	6126.6	375.0	-46.8	-49.9	243.5	20.4	18.6	12.9	299.7	299.9	99.9	99.9	17.1	86.
23.0	74.3	7179.5	350.0	-51.2	-49.9	235.4	22.1	18.0	14.0	299.6	299.9	99.9	99.9	18.8	84.
24.0	78.4	8257.3	325.0	-54.8	-49.9	235.2	24.6	20.2	14.1	301.2	299.9	99.9	99.9	20.6	81.
25.0	82.6	8770.4	300.0	-57.7	-49.9	239.2	27.4	23.5	14.0	311.1	299.9	99.9	99.9	23.2	78.
26.0	87.0	9333.9	275.0	-51.4	-49.9	239.9	35.1	30.4	17.6	320.7	299.9	99.9	99.9	26.5	76.
27.0	91.5	9955.9	250.0	-49.8	-49.9	243.2	38.7	32.8	16.6	332.1	299.9	99.9	99.9	30.7	74.
28.0	96.7	10642.3	225.0	-51.4	-49.9	242.8	35.6	29.0	14.9	339.7	299.9	99.9	99.9	35.6	72.
29.0	101.3	11407.1	200.0	-51.9	-49.9	246.3	38.3	35.1	15.4	350.6	299.9	99.9	99.9	40.8	71.
30.0	106.5	12270.2	175.0	-53.5	-49.9	243.9	35.4	29.1	14.3	361.4	299.9	99.9	99.9	47.4	71.
31.0	110.5	13257.2	150.0	-55.2	-49.9	241.1	32.7	28.7	11.4	375.0	299.9	99.9	99.9	54.1	70.
32.0	115.0	14422.5	125.0	-54.0	-49.9	255.4	23.2	22.5	5.0	397.2	299.9	99.9	99.9	62.2	70.
33.0	122.1	15845.7	100.0	-55.9	-49.9	258.4	21.2	20.6	5.0	419.8	299.9	99.9	99.9	71.6	70.
34.0	130.3	17677.8	75.0	-56.6	-49.9	258.4	23.8	22.2	6.7	454.2	299.9	99.9	99.9	83.3	70.
35.0	137.7	20194.6	50.0	-61.7	-49.9	253.7	23.8	22.9	6.7	498.1	299.9	99.9	99.9	99.8	70.
36.0	146.7	24444.2	25.0	-62.9	-49.9	257.4	23.9	29.2	6.5	604.3	299.9	99.9	99.9	115.3	71.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION I.D. 433  
SALEM, ILL6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CO M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO G/SEC	RN PCT	RANGE KM	AZ DG
0.0	5.5	175.0	996.4	-5.6	-8.1	310.0	7.2	10.5	-4.6	268.1	273.3	2.0	81.0	0.0	0.
00.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	7.5	366.7	975.0	-7.5	-12.2	290.5	12.0	10.4	-5.9	267.7	271.7	1.5	69.2	0.4	121.
1.4	9.9	546.1	950.0	-9.9	-12.2	301.4	11.3	9.6	-5.9	267.5	271.6	1.6	82.0	0.9	120.
2.1	12.0	751.3	925.0	-11.3	-12.5	305.2	11.1	9.1	-6.4	267.4	271.7	1.6	95.1	1.4	121.
2.8	14.4	980.6	900.0	-13.6	-15.2	314.3	11.2	8.8	-7.8	267.6	271.1	1.3	88.4	1.2	121.
3.5	16.6	1175.5	875.0	-11.5	-16.9	318.3	12.8	8.5	-9.5	271.9	275.1	1.2	64.5	2.3	121.
4.2	19.3	1398.0	850.0	-11.0	-13.6	310.7	12.7	9.6	-8.3	274.8	279.1	1.6	81.1	2.9	120.
5.1	21.4	1629.0	825.0	-9.3	-10.8	303.6	9.7	7.5	-8.2	279.1	284.6	2.0	88.8	3.5	120.
6.0	23.9	1866.5	800.0	-10.4	-11.5	303.7	9.4	7.9	-9.2	280.4	285.7	2.0	91.2	4.0	120.
6.8	26.2	2110.8	775.0	-11.0	-11.6	287.3	9.9	9.5	-3.0	282.2	287.7	2.0	95.3	4.4	121.
7.7	28.9	2362.4	750.0	-11.9	-12.6	279.2	10.6	10.7	-1.7	283.9	288.2	1.9	94.7	4.9	120.
8.5	31.4	2621.4	725.0	-13.5	-13.9	278.2	12.3	12.2	-1.8	285.9	289.9	1.8	97.1	5.4	120.
9.4	34.7	2898.3	700.0	-13.7	-14.4	280.3	15.4	15.1	-2.7	287.6	292.6	1.8	94.4	6.1	119.
10.3	36.7	3164.6	675.0	-14.4	-16.5	281.8	18.6	18.2	-3.8	295.7	298.2	1.6	83.5	7.3	117.
11.2	39.5	3450.1	650.0	-16.3	-18.5	282.6	19.9	19.4	-4.3	298.7	299.7	1.4	83.4	8.1	115.
12.1	42.1	3744.3	625.0	-18.1	-21.2	280.4	19.4	19.1	-3.5	291.9	295.2	1.1	76.4	9.2	113.
13.2	45.0	4047.9	600.0	-20.5	-24.9	276.7	18.7	18.5	-2.2	292.5	295.0	0.8	67.5	10.3	112.
14.2	48.0	4361.6	575.0	-22.9	-28.1	278.1	19.7	19.5	-2.8	293.2	295.2	0.7	62.4	11.4	110.
15.3	50.9	4685.9	550.0	-25.7	-32.2	280.2	20.2	19.9	-3.6	293.6	295.1	0.5	54.1	12.7	109.
16.4	54.1	5021.4	525.0	-28.7	-35.3	279.3	19.5	17.3	-3.1	294.0	295.1	0.4	52.3	14.0	108.
17.6	57.0	5369.1	500.0	-31.2	-37.5	280.1	19.5	16.2	-3.4	295.0	296.0	0.3	53.6	15.4	107.
18.8	60.3	5710.2	475.0	-34.4	-39.8	275.2	17.5	17.4	-1.6	295.4	296.2	0.2	57.1	16.8	107.
20.1	63.7	6105.4	450.0	-37.8	-43.3	273.5	18.4	18.4	-1.1	295.7	296.3	0.2	55.9	18.1	105.
21.4	67.0	6496.7	425.0	-40.9	-46.9	267.0	18.3	18.2	0.9	296.7	299.9	99.9	99.9	19.5	105.
22.9	70.6	6935.7	400.0	-44.5	-49.9	267.8	19.1	18.9	2.4	297.2	299.9	99.9	99.9	21.0	103.
24.3	74.1	7338.6	375.0	-47.8	-52.9	265.7	20.5	20.5	1.5	298.3	299.9	99.9	99.9	22.5	102.
25.7	78.0	7785.5	350.0	-51.8	-56.9	259.5	18.8	19.4	3.4	298.9	299.9	99.9	99.9	24.1	100.
27.1	81.8	8262.8	325.0	-54.0	-59.0	264.8	20.4	20.4	1.1	302.2	293.9	99.9	99.9	25.6	99.
28.6	85.9	8778.3	300.0	-52.4	-59.0	270.4	19.7	19.7	-0.1	311.5	299.9	99.9	99.9	28.0	99.
30.7	90.4	9345.1	275.0	-50.0	-59.9	268.2	31.1	31.1	1.0	321.8	299.9	99.9	99.9	30.2	98.
32.5	95.2	9968.7	250.0	-49.8	-59.9	253.7	22.0	21.1	6.2	332.1	299.9	99.9	99.9	33.9	98.
34.6	100.0	10637.6	225.0	-48.8	-59.9	259.6	28.2	27.7	5.1	343.7	299.9	99.9	99.9	36.5	95.
36.8	105.2	11429.3	200.0	-50.5	-59.9	265.4	33.4	33.3	2.7	343.9	299.9	99.9	99.9	40.7	92.
39.5	110.8	12299.9	175.0	-50.5	-59.9	268.8	32.5	32.5	0.7	343.6	299.9	99.9	99.9	45.8	93.
42.6	117.0	13301.4	150.0	-52.6	-59.9	268.0	38.4	38.4	1.3	347.5	299.9	99.9	99.9	51.7	92.
46.3	124.3	14577.0	125.0	-51.1	-59.9	273.2	36.2	36.2	-1.7	347.0	299.9	99.9	99.9	58.2	92.
51.2	132.0	15909.1	100.0	-53.5	-59.9	269.6	33.9	33.9	0.3	424.4	299.9	99.9	99.9	68.5	92.
57.3	140.6	17446.5	75.0	-56.5	-59.9	269.4	27.5	27.5	0.3	454.5	299.9	99.9	99.9	76.0	92.
64.2	149.5	20293.4	50.0	-57.9	-59.9	270.4	19.2	19.2	-3.1	507.1	299.9	99.9	99.9	86.7	92.
74.8	157.7	24604.2	25.0	-61.3	-59.9	261.2	24.9	24.6	3.8	608.9	299.9	99.9	99.9	101.3	91.

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0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0-0	12-4	791.0	1000.0	-6.4	-12.3	300.0	4.6	4.0	-2.3	274.5	278.8	1.6	54.0	0.0	0.
00-9	99-9	99-9	999.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
01-0	99-9	99-9	999.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
01-1	13-0	840.3	925.0	-3.9	-14.9	198.5	6.3	5.5	-3.0	275.5	279.0	1.3	42.1	0.2	121.
01-2	13-1	1055.7	900.0	-5.9	-15.7	301.1	6.5	5.6	-3.4	275.6	279.0	1.3	45.9	0.3	120.
01-3	17-5	1275.4	875.0	-8.1	-16.5	308.5	9.8	7.9	-5.8	275.5	278.8	1.2	50.8	0.7	122.
01-4	20-0	1495.8	850.0	-9.4	-18.3	313.9	14.2	10.3	-9.9	276.4	279.3	1.1	48.2	1.3	126.
01-5	22-3	1730.6	825.0	-8.8	-22.8	330.8	21.1	10.3	-18.5	279.4	281.5	0.7	31.2	2.3	133.
01-6	24-8	1969.3	800.0	-9.1	-21.2	336.1	21.4	9.3	-19.2	281.5	284.0	0.9	36.9	3.7	141.
01-7	27-2	2214.9	775.0	-9.3	-27.4	330.1	19.5	9.7	-16.9	283.8	285.4	0.5	21.3	4.8	143.
01-8	29-8	2468.1	750.0	-9.7	-20.2	332.9	20.3	9.3	-18.0	285.0	288.5	0.2	6.2	5.8	145.
01-9	32-4	2730.0	725.0	-10.0	-21.5	327.4	19.4	10.5	-16.4	288.5	291.0	0.1	5.7	6.9	146.
02-0	35-1	2999.5	700.0	-11.9	-28.3	325.7	18.6	10.9	-15.3	289.4	291.0	0.5	24.0	8.0	146.
02-1	37-7	3277.6	675.0	-12.6	-27.3	323.5	18.9	11.2	-15.2	291.4	293.4	0.6	28.2	9.1	146.
02-2	40-5	3565.5	650.0	-14.9	-28.9	324.0	19.3	11.3	-15.6	292.1	293.8	0.5	28.9	10.3	145.
02-3	43-2	3860.2	625.0	-16.7	-28.4	321.7	19.0	11.8	-14.9	293.4	295.2	0.6	35.3	11.6	145.
02-4	46-1	4152.7	600.0	-18.8	-29.7	318.4	18.7	13.4	-13.1	294.4	298.0	0.5	37.4	12.7	145.
02-5	49-1	4482.4	575.0	-19.4	-30.2	309.2	18.4	15.0	-12.2	297.3	298.5	0.4	25.9	13.9	143.
02-6	51-9	4811.6	550.0	-21.8	-36.0	311.5	24.2	18.4	-16.2	298.3	299.3	0.3	26.0	15.6	142.
02-7	54-1	5151.9	525.0	-25.1	-37.5	311.0	23.4	18.0	-15.7	298.3	299.2	0.3	30.2	17.5	141.
02-8	58-1	5505.1	500.0	-28.5	-39.2	311.7	23.4	17.5	-15.6	299.3	299.2	0.2	34.4	19.3	140.
02-9	61-4	5870.4	475.0	-30.1	-41.9	315.9	24.4	17.0	-17.6	301.7	301.4	0.2	30.3	21.5	139.
03-0	64-9	6254.3	450.0	-31.6	99-9	311.6	22.6	16.9	-15.0	303.5	999.9	99-9	999.9	25.0	138.
03-1	68-1	6658.5	425.0	-34.1	99-9	322.0	26.0	16.0	-20.5	305.3	999.9	99-9	999.9	29.4	138.
03-2	99-9	99-9	400.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-3	99-9	99-9	375.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-4	99-9	99-9	350.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-5	99-9	99-9	325.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-6	99-9	99-9	300.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-7	99-9	99-9	275.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-8	99-9	99-9	250.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
03-9	99-9	99-9	225.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-0	99-9	99-9	200.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-1	99-9	99-9	175.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-2	99-9	99-9	150.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-3	99-9	99-9	125.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-4	99-9	99-9	100.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-5	99-9	99-9	75.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-6	99-9	99-9	50.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9
04-7	99-9	99-9	25.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999.9	99-9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
 OF POOR QUALITY



STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2015 GMT

157 17. 0

TIME MIN	CHCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	5.9	269.0	993.0	-7.6	-14.4	320.0	3.1	2.0	-2.4	266.0	269.4	1.3	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.6	410.6	975.0	-8.4	-18.1	311.3	7.3	5.5	-4.8	266.8	269.3	0.9	45.3	0.3	139.
1.4	9.8	611.2	950.0	-10.6	-18.6	311.7	6.7	5.0	-4.5	266.6	269.0	0.9	51.5	0.6	136.
2.2	11.0	815.0	925.0	-12.2	-19.1	309.5	8.4	6.5	-5.3	267.0	269.4	0.9	56.1	1.0	133.
2.9	14.2	1024.0	900.0	-12.7	-24.3	320.6	11.3	7.1	-8.7	266.5	270.2	0.6	37.1	1.4	133.
3.6	16.2	1239.5	875.0	-13.8	-24.7	320.7	11.2	7.1	-8.7	269.5	271.1	0.6	35.1	1.8	136.
4.3	18.5	1459.6	850.0	-13.8	-26.2	326.4	12.4	6.9	-10.3	271.8	273.3	0.5	34.2	2.3	137.
5.2	20.8	1684.8	825.0	-13.3	-24.5	326.3	14.8	8.2	-12.3	274.6	276.4	0.6	38.2	3.0	139.
6.0	23.1	1921.5	800.0	-11.9	99.9	322.2	15.7	9.7	-12.4	278.5	999.9	99.9	999.9	3.8	141.
6.9	25.5	2164.9	775.0	-11.5	99.9	310.2	16.7	11.1	-12.5	281.5	999.9	99.9	999.9	4.6	140.
7.7	27.9	2416.0	750.0	-11.9	-41.2	314.8	16.4	11.6	-11.6	283.7	284.1	0.1	6.6	5.4	140.
8.5	30.5	2675.4	725.0	-12.4	-38.4	311.6	16.4	12.3	-10.9	285.9	286.5	0.2	9.3	6.3	139.
9.5	33.1	2942.9	700.0	-12.9	-41.4	307.3	16.6	13.2	-10.0	288.2	288.6	0.1	7.1	7.3	138.
10.5	35.7	3219.5	675.0	-14.2	-42.9	302.2	17.4	14.7	-9.3	289.8	290.2	0.1	6.6	8.2	136.
11.5	38.4	3504.8	650.0	-16.3	-29.9	298.9	17.7	15.5	-8.6	290.6	292.1	0.5	29.6	9.2	134.
12.4	41.1	3798.6	625.0	-18.3	-25.1	296.2	18.6	16.6	-8.2	291.6	294.0	0.6	55.1	10.2	133.
13.5	43.9	4102.7	600.0	-10.7	-27.4	294.1	20.2	18.4	-8.2	293.4	295.5	0.7	50.1	11.2	131.
14.5	46.9	4417.7	575.0	-21.4	-29.3	290.7	21.6	19.3	-11.1	296.3	296.7	0.6	49.0	12.6	129.
15.6	50.0	4744.4	550.0	-23.4	99.9	306.6	21.7	18.7	-9.7	294.9	296.7	99.9	999.9	13.9	128.
16.8	52.9	5083.3	525.0	-25.9	-32.7	298.9	21.5	19.2	-9.7	297.2	298.7	0.5	52.6	15.5	127.
18.2	56.0	5434.4	500.0	-28.9	-34.2	305.9	23.6	19.1	-13.9	297.8	299.2	0.4	59.4	17.3	127.
19.6	59.4	5800.7	475.0	-30.0	-37.2	308.8	26.7	20.9	-16.7	300.8	301.9	0.3	49.0	19.5	127.
21.1	62.9	6184.0	450.0	-32.4	-42.6	308.8	25.6	19.9	-16.0	302.5	303.2	0.2	34.9	22.1	127.
22.6	66.3	6584.5	425.0	-35.6	-49.2	315.7	28.9	18.8	-19.3	303.4	303.7	0.1	23.0	24.3	127.
24.2	70.0	7002.9	400.0	-39.6	99.9	317.9	29.0	19.1	-21.9	303.5	999.9	99.9	999.9	26.9	126.
25.9	73.7	7441.4	375.0	-43.1	99.9	317.4	29.6	20.0	-21.8	304.5	999.9	99.9	999.9	29.7	129.
27.6	77.8	7902.3	350.0	-47.2	99.9	314.2	32.7	23.4	-22.8	305.1	999.9	99.9	999.9	32.8	130.
29.5	81.8	8388.6	325.0	-51.1	99.9	313.4	34.0	24.7	-23.4	306.3	999.9	99.9	999.9	36.5	130.
31.3	86.0	8905.1	300.0	-55.0	99.9	316.4	28.7	20.5	-20.0	307.8	999.9	99.9	999.9	40.0	131.
33.5	90.8	9465.2	275.0	-51.9	99.9	310.8	35.5	26.9	-23.2	320.1	999.9	99.9	999.9	44.7	131.
35.7	95.7	10082.1	250.0	-53.0	99.9	309.5	28.1	24.3	-14.3	327.3	999.9	99.9	999.9	48.1	131.
38.0	100.8	10763.7	225.0	-52.1	99.9	299.3	36.3	32.8	-15.5	334.7	999.9	99.9	999.9	52.3	129.
40.6	106.5	11531.3	200.0	-51.2	99.9	288.9	27.7	26.7	-7.1	351.8	999.9	99.9	999.9	57.6	128.
43.8	112.5	12399.6	175.0	-50.3	99.9	299.7	37.8	32.8	-18.7	366.9	999.9	99.9	999.9	63.9	126.
47.0	119.0	13402.3	150.0	-52.7	99.9	287.2	33.4	31.9	-9.9	379.3	999.9	99.9	999.9	70.0	125.
51.4	124.3	14580.1	125.0	-53.3	99.9	291.4	27.5	25.6	-10.1	398.6	999.9	99.9	999.9	76.8	123.
56.2	134.3	16011.5	100.0	-55.8	99.9	288.6	25.6	24.6	-7.3	420.0	999.9	99.9	999.9	84.2	122.
62.0	142.0	17841.0	75.0	-58.7	99.9	275.5	18.4	18.1	-3.0	450.0	999.9	99.9	999.9	93.6	120.
69.8	150.0	20401.4	50.0	-59.2	99.9	285.1	14.3	13.8	-3.7	504.0	999.9	99.9	999.9	102.3	119.
81.7	158.3	24714.5	25.0	-61.4	99.9	287.3	25.9	24.7	-7.7	608.6	999.9	99.9	999.9	116.2	116.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 480  
PORT TOTTEN, N Y

6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP LG C	DEW PT DG C	DIR DG	SPCLD M/SFC	U COMPT M/SEC	V COMPT M/SFC	PUT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.2	5.4	9.0	1022.2	7.3	-4.4	999.9	99.9	99.9	99.9	280.6	288.0	2.7	43.0	999.9	999.9
0.3	5.7	20.1	1000.0	6.9	-4.5	999.9	99.9	99.9	99.9	280.4	287.6	2.7	44.0	999.9	999.9
0.6	7.3	211.1	975.0	4.5	-2.3	999.9	99.9	99.9	99.9	280.1	288.8	3.3	61.2	999.9	999.9
1.7	10.1	448.0	970.0	2.6	-1.7	999.9	99.9	99.9	99.9	280.3	289.6	3.6	73.3	999.9	999.9
1.7	12.1	633.1	975.0	0.8	-1.3	999.9	99.9	99.9	99.9	280.6	290.4	3.8	86.3	999.9	999.9
2.3	14.5	478.7	900.0	-1.3	-2.6	999.9	99.9	99.9	99.9	280.6	289.9	3.5	90.9	999.9	999.9
3.0	16.0	1101.6	875.0	-3.3	-3.3	999.9	99.9	99.9	99.9	280.7	289.5	3.3	97.7	999.9	999.9
3.7	19.3	1311.4	870.0	-5.0	-5.2	999.9	99.9	99.9	99.9	281.3	289.5	3.1	98.5	999.9	999.9
4.4	21.2	1500.2	825.0	-5.4	-7.3	999.9	99.9	99.9	99.9	283.2	290.4	2.7	86.5	999.9	999.9
5.2	23.7	1804.0	800.0	-4.9	-9.8	999.9	99.9	99.9	99.9	286.2	292.5	2.3	68.3	999.9	999.9
6.1	26.1	2057.6	775.0	-5.6	-11.1	999.9	99.9	99.9	99.9	288.1	294.0	2.1	65.0	999.9	999.9
7.1	28.4	2118.6	750.0	-6.6	-13.4	999.9	99.9	99.9	99.9	289.6	294.8	1.8	58.3	999.9	999.9
8.0	31.1	2571.4	725.0	-7.6	-16.2	999.9	99.9	99.9	99.9	291.0	295.4	1.5	51.1	999.9	999.9
9.0	33.4	2851.4	700.0	-8.9	-19.5	999.9	99.9	99.9	99.9	292.7	296.2	1.2	41.7	999.9	999.9
9.3	36.3	3115.2	675.0	-10.7	-22.4	999.9	99.9	99.9	99.9	293.8	296.6	0.9	37.3	999.9	999.9
11.0	39.2	3871.2	650.0	-12.9	-25.7	999.9	99.9	99.9	99.9	294.5	296.7	0.7	33.1	999.9	999.9
12.0	41.3	4171.1	625.0	-15.2	-29.2	999.9	99.9	99.9	99.9	295.1	296.8	0.5	29.0	999.9	999.9
13.1	44.3	4070.2	600.0	-17.5	-31.2	999.9	99.9	99.9	99.9	295.9	297.4	0.5	28.9	999.9	999.9
14.3	47.9	4343.2	575.0	-20.3	-35.6	999.9	99.9	99.9	99.9	296.3	297.3	0.3	23.8	999.9	999.9
15.5	50.4	4670.8	550.0	-23.1	-37.6	999.9	99.9	99.9	99.9	296.7	297.5	0.3	24.9	999.9	999.9
16.4	54.3	5033.4	525.0	-26.0	-40.7	999.9	99.9	99.9	99.9	297.2	297.9	0.2	23.3	999.9	999.9
18.0	57.1	5300.5	500.0	-29.1	-44.2	999.9	99.9	99.9	99.9	297.5	298.0	0.1	21.6	999.9	999.9
19.1	60.4	5723.8	475.0	-32.4	-46.4	999.9	99.9	99.9	99.9	297.9	298.3	0.1	23.1	999.9	999.9
20.6	64.1	6103.1	450.0	-35.6	-50.9	999.9	99.9	99.9	99.9	298.4	298.7	0.1	19.0	999.9	999.9
21.4	67.3	6503.5	425.0	-35.7	-63.9	999.9	99.9	99.9	99.9	303.0	303.1	0.0	4.1	999.9	999.9
23.1	70.1	6920.4	400.0	-36.9	-73.5	999.9	99.9	99.9	99.9	307.0	307.0	0.0	1.0	999.9	999.9
24.9	75.0	7365.9	375.0	-38.3	-58.7	999.9	99.9	99.9	99.9	310.8	311.0	0.0	9.5	999.9	999.9
26.5	79.2	7337.9	350.0	-41.6	99.9	999.9	99.9	99.9	99.9	312.7	999.9	99.9	999.9	999.9	999.9
28.6	83.2	8317.7	325.0	-44.0	99.9	999.9	99.9	99.9	99.9	315.3	999.9	99.9	999.9	999.9	999.9
30.4	87.6	8804.0	300.0	-49.1	99.9	999.9	99.9	99.9	99.9	315.9	999.9	99.9	999.9	999.9	999.9
32.4	92.4	9433.3	275.0	-52.5	99.9	999.9	99.9	99.9	99.9	319.2	999.9	99.9	999.9	999.9	999.9
34.5	97.3	10047.4	250.0	-52.4	99.9	999.9	99.9	99.9	99.9	328.2	999.9	99.9	999.9	999.9	999.9
37.0	102.0	10733.3	225.0	-51.9	99.9	999.9	99.9	99.9	99.9	339.0	999.9	99.9	999.9	999.9	999.9
39.3	104.5	11491.4	200.0	-55.0	99.9	999.9	99.9	99.9	99.9	345.7	999.9	99.9	999.9	999.9	999.9
42.1	114.8	12148.1	175.0	-54.2	99.9	999.9	99.9	99.9	99.9	360.5	999.9	99.9	999.9	999.9	999.9
45.0	121.2	13333.4	150.0	-53.7	99.9	999.9	99.9	99.9	99.9	377.7	999.9	99.9	999.9	999.9	999.9
49.5	129.0	14406.0	125.0	-54.7	99.9	999.9	99.9	99.9	99.9	396.3	999.9	99.9	999.9	999.9	999.9
54.2	136.3	15915.2	100.0	-54.3	99.9	999.9	99.9	99.9	99.9	415.2	999.9	99.9	999.9	999.9	999.9
60.1	144.3	17711.4	75.0	-63.2	99.9	999.9	99.9	99.9	99.9	440.5	999.9	99.9	999.9	999.9	999.9
68.8	153.3	20232.1	50.0	-61.1	9	999.9	99.9	99.9	99.9	499.6	999.9	99.9	999.9	999.9	999.9
80.5	162.7	24485.8	25.0	-61.2	9	999.9	99.9	99.9	99.9	609.3	999.9	99.9	999.9	999.9	999.9

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 MV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES IN	TEMP DG C	DEW PT DG C	DIN DG	SPED M/SEC	U CNVR M/SEC	V CNVR M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	00.0	992.4	0.9	-2.0	290.0	5.1	4.8	-1.7	275.1	283.6	3.3	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.0	214.0	975.0	-0.6	-5.0	302.4	6.3	5.1	-3.4	274.9	281.9	2.7	71.7	0.3	123.
1.5	9.1	435.0	950.0	-2.5	-5.4	288.0	7.2	6.8	-2.2	275.0	282.0	2.7	60.7	0.6	120.
2.4	11.4	646.1	925.0	-4.3	-5.2	279.2	11.9	11.7	-1.9	275.2	282.5	2.8	93.7	1.0	113.
3.3	14.1	861.7	900.0	-5.7	-7.1	272.5	15.6	15.6	-0.7	276.0	282.5	2.5	89.7	1.8	105.
4.1	16.2	1272.2	875.0	-6.8	-7.7	279.1	14.7	14.5	-2.9	277.0	283.5	2.4	93.6	2.8	101.
5.0	18.3	1104.0	850.0	-8.4	-8.3	280.1	19.2	18.3	-3.4	274.8	285.2	2.4	86.3	3.7	101.
5.7	20.7	1542.4	825.0	-7.3	-9.4	279.2	14.5	18.3	-3.0	281.1	287.3	2.3	84.7	4.4	101.
6.3	23.1	1782.0	800.0	-7.6	-9.2	281.6	17.8	17.4	-3.6	283.4	289.8	2.4	87.7	5.1	101.
7.0	25.3	2074.1	775.0	-8.0	-10.2	281.5	13.0	17.5	-4.2	285.5	291.7	2.3	83.8	5.8	101.
7.9	28.0	2287.8	750.0	-8.4	-10.8	284.6	17.3	16.4	-5.5	287.7	293.9	2.2	83.1	6.9	102.
9.0	30.5	2516.6	725.0	-9.3	-11.3	287.7	17.7	16.9	-5.4	289.5	295.8	2.2	85.8	7.9	103.
10.1	33.2	2717.8	700.0	-10.4	-13.6	287.6	17.7	16.9	-5.4	291.0	296.4	1.9	78.2	9.4	104.
11.3	35.3	3396.6	675.0	-12.1	-16.2	286.4	17.9	17.2	-5.1	292.3	296.9	1.6	71.6	10.6	104.
12.6	38.1	3144.7	650.0	-14.1	-17.7	281.0	17.6	17.2	-2.8	293.1	297.4	1.5	74.5	11.8	104.
13.7	41.1	3640.6	625.0	-16.2	-18.1	279.4	17.2	17.0	-1.8	294.1	298.4	1.5	84.6	12.9	104.
14.9	44.0	3945.7	600.0	-18.5	-20.3	275.1	19.9	19.8	-1.8	294.8	298.6	1.3	85.9	14.1	103.
16.2	47.0	4303.3	575.0	-20.4	-21.4	271.6	19.9	19.4	-0.6	296.2	299.2	1.0	77.2	15.8	102.
17.6	50.0	4630.9	550.0	-23.0	-27.1	268.9	20.9	20.3	0.4	296.9	299.2	0.7	68.5	17.4	101.
19.1	53.0	4961.7	525.0	-25.9	-29.8	267.8	17.7	19.7	0.8	297.3	299.2	0.6	69.1	19.5	100.
20.4	56.1	5321.1	500.0	-28.5	-32.5	267.2	21.2	21.2	1.0	298.3	299.8	0.5	68.6	21.4	99.
22.3	59.5	5645.3	475.0	-31.8	-36.3	264.6	19.6	19.6	1.8	298.6	299.7	0.4	64.0	23.1	98.
23.9	63.0	6045.4	450.0	-35.2	-40.3	262.4	20.0	19.9	2.6	299.0	299.8	0.2	59.1	24.9	96.
25.5	66.4	6461.1	425.0	-38.6	-44.9	261.1	18.7	18.4	2.9	299.6	300.1	0.2	50.7	26.7	96.
27.1	70.1	6874.4	400.0	-42.0	-49.9	262.0	14.9	18.7	2.6	300.4	300.9	99.9	99.9	28.4	95.
28.7	74.0	7307.1	375.0	-46.0	-54.9	264.6	15.8	15.7	1.5	300.8	300.9	99.9	99.9	30.2	94.
30.1	78.0	7762.1	350.0	-49.1	-59.9	256.4	19.1	18.6	4.5	302.6	302.6	99.9	99.9	31.6	94.
32.2	82.2	8241.9	325.0	-44.6	-59.3	247.4	32.7	30.6	11.5	308.3	309.9	99.9	99.9	34.3	92.
34.3	86.4	8771.3	300.0	-50.9	-59.9	248.1	32.6	36.7	14.8	313.6	309.9	99.9	99.9	38.0	89.
36.3	91.2	9337.7	275.0	-51.1	-59.9	249.8	32.6	37.4	13.7	320.9	309.9	99.9	99.9	43.2	87.
39.5	96.0	9936.1	250.0	-52.0	-59.3	252.4	41.7	41.7	12.8	320.8	309.9	99.9	99.9	48.8	85.
41.0	101.1	10611.8	225.0	-52.7	-59.9	249.8	51.5	50.2	18.5	337.8	309.9	99.9	99.9	55.5	83.
43.5	107.3	11397.0	200.0	-53.7	-59.9	248.8	41.8	38.9	15.1	347.7	309.9	99.9	99.9	63.0	82.
46.5	113.1	12252.0	175.0	-55.0	-59.9	248.7	51.8	48.1	18.7	359.1	309.9	99.9	99.9	71.4	80.
49.4	120.3	13242.6	150.0	-51.8	-59.9	243.7	40.8	36.6	18.1	380.8	309.9	99.9	99.9	81.4	79.
53.4	127.1	14414.1	125.0	-53.6	-59.9	246.4	45.2	45.2	19.7	398.0	309.9	99.9	99.9	92.3	77.
58.2	135.5	15847.0	100.0	-54.8	-59.9	245.2	49.2	44.6	20.7	421.8	309.9	99.9	99.9	103.9	76.
64.1	143.1	17674.8	75.0	-60.4	-59.9	241.3	42.4	37.2	20.4	446.4	309.9	99.9	99.9	113.8	74.
72.4	151.7	20174.4	50.0	-60.4	-59.9	249.2	40.1	37.5	18.2	501.2	309.9	99.9	99.9	137.2	73.
85.2	160.0	24416.7	25.0	-63.1	-59.9	252.6	44.9	42.9	13.3	603.3	309.9	99.9	99.9	196.4	73.

\* PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* PV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL P.  
DE POOR QUALITY

STATION NO. 520  
PITTSBURGH, PA

1 FEBRUARY 1975  
2015 GMT

TIME MIN	CMCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.0	150.0	963.5	1.0	-2.7	250.0	3.1	2.9	1.1	4.7.5	285.9	3.2	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	9.9	472.3	950.0	-0.2	-2.6	269.9	8.1	8.1	0.0	277.4	286.0	3.3	84.2	0.3	86.
1.2	12.1	485.4	925.0	-1.8	-2.9	271.0	17.3	10.8	-0.3	277.9	286.6	3.4	92.7	0.7	88.
2.0	14.5	403.2	900.0	-3.2	-4.4	275.7	10.7	12.0	-0.6	278.5	286.6	3.1	91.5	1.2	91.
2.8	16.3	1125.5	875.0	-5.0	-5.9	272.9	12.0	12.0	-0.6	278.5	286.6	2.9	95.9	1.8	92.
3.7	19.3	1152.8	850.0	-6.8	-7.2	264.4	11.0	10.9	1.1	279.4	286.4	2.6	96.9	2.3	91.
4.5	21.7	1505.6	825.0	-7.7	-8.0	270.1	11.6	11.6	-0.0	280.5	287.0	2.4	98.9	2.9	90.
5.4	24.3	1626.7	800.0	-8.3	-9.4	267.7	13.9	13.9	0.6	282.0	288.6	2.3	88.0	3.5	91.
6.2	26.9	2071.0	775.0	-9.3	-11.6	265.4	16.9	16.8	1.3	284.1	289.6	2.0	83.0	4.3	90.
7.1	29.6	2311.4	750.0	-11.4	-12.6	263.3	16.7	16.5	1.9	284.5	289.8	1.9	98.3	5.2	89.
8.1	32.3	2544.1	725.0	-11.2	-13.4	256.5	16.4	16.0	3.8	287.4	292.7	1.9	83.7	6.2	87.
9.1	35.1	2552.4	700.0	-12.9	-15.7	257.0	16.0	15.6	3.6	288.4	292.9	1.6	79.4	7.2	86.
10.1	37.7	3119.4	675.0	-14.2	-18.4	252.3	15.7	15.0	4.8	289.9	294.4	1.6	82.7	8.0	85.
11.1	40.5	4110.5	650.0	-15.8	-17.2	250.3	16.3	15.4	5.5	291.3	295.7	1.5	88.5	9.0	83.
12.1	43.4	3710.5	625.0	-17.4	-19.0	252.7	16.5	15.7	4.9	292.6	296.6	1.4	87.9	10.0	82.
13.2	46.3	4715.7	600.0	-19.6	-21.7	254.1	17.5	16.8	4.8	293.5	296.9	1.1	83.7	11.1	81.
14.3	49.3	4110.0	575.0	-21.8	-29.5	257.9	19.0	18.6	4.0	294.4	296.2	0.6	49.7	12.4	80.
15.4	52.4	4444.1	550.0	-23.3	-33.1	254.4	18.9	18.2	5.1	296.4	297.8	0.4	48.1	13.6	80.
16.7	55.7	4775.0	525.0	-25.2	-35.5	250.7	19.9	18.8	6.6	298.1	299.2	0.3	37.5	15.0	79.
18.0	59.0	5347.7	500.0	-28.1	-39.2	246.7	21.9	20.2	8.7	298.7	299.6	0.2	33.4	16.6	78.
19.2	62.3	5713.1	475.0	-31.1	-43.1	247.7	21.9	20.2	8.3	299.4	300.0	0.2	29.5	18.2	77.
20.5	65.9	6044.1	450.0	-34.0	-47.5	252.7	25.8	24.6	7.7	299.7	300.1	0.1	25.1	19.9	77.
21.8	69.7	6400.4	425.0	-38.2	-49.3	253.5	30.6	29.3	8.7	300.1	300.4	0.1	29.1	22.0	76.
23.1	73.0	6434.8	400.0	-41.7	-59.9	252.4	30.4	28.9	9.2	300.8	300.9	99.9	999.9	24.9	76.
24.7	77.1	7318.7	375.0	-45.5	-59.3	248.7	32.9	30.7	12.0	301.4	301.4	99.9	999.9	27.3	76.
26.2	81.0	7714.4	350.0	-49.7	-69.9	245.4	40.0	36.9	16.9	301.7	301.9	99.9	999.9	30.6	75.
27.7	85.3	4275.4	325.0	-51.2	-69.9	245.3	45.8	41.6	19.2	306.1	306.1	99.9	999.9	34.9	73.
29.3	89.3	4748.4	300.0	-50.5	-69.9	244.7	51.6	46.6	22.0	314.2	309.9	99.9	999.9	39.7	72.
31.3	93.4	4364.1	275.0	-51.8	-69.9	242.4	53.7	47.5	24.9	320.3	309.9	99.9	999.9	45.4	71.
33.4	99.3	4441.4	250.0	-52.1	-69.9	244.7	48.9	44.1	21.3	328.4	309.9	99.9	999.9	52.1	70.
35.6	105.3	10664.1	225.0	-51.3	-69.9	242.9	47.4	42.2	21.6	339.9	309.9	99.9	999.9	58.2	69.
38.1	110.0	11424.5	200.0	-54.3	-69.9	245.4	48.1	43.9	19.7	346.8	309.9	99.9	999.9	64.9	69.
41.7	115.0	12281.4	175.0	-54.2	-69.9	245.4	45.1	41.0	18.8	360.5	309.9	99.9	999.9	73.1	68.
44.4	122.0	13209.1	150.0	-55.3	-69.9	247.0	39.8	36.6	15.6	374.9	309.9	99.9	999.9	81.8	68.
48.1	128.7	14512.7	125.0	-55.4	-69.9	247.1	41.4	38.1	16.1	394.8	309.9	99.9	999.9	91.1	68.
52.7	136.3	15434.7	100.0	-52.7	-69.9	254.0	39.0	38.3	11.0	425.9	309.9	99.9	999.9	102.9	69.
58.6	143.3	17644.7	75.0	-56.7	-69.9	244.0	23.8	22.2	8.5	454.0	309.9	99.9	999.9	116.3	69.
65.3	150.3	20212.0	50.0	-62.6	-69.9	250.3	35.3	33.3	11.9	476.2	309.9	99.9	999.9	123.8	69.
78.2	158.3	26522.3	25.0	-60.7	-69.9	260.9	26.4	26.0	4.2	611.0	309.9	99.9	999.9	143.9	70.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEC'D MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	WFLIGHT GPN	PRFS MB	TLMP DG C	DEW PT DG C	DIR DG	SPFLD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	214.0	374.3	-1.1	-2.2	250.0	7.2	6.8	2.5	274.2	282.7	3.3	92.0	0.0	0.
00.9	99.9	1020.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	6.4	245.0	975.0	-1.5	-2.7	249.6	7.6	7.3	2.7	274.1	282.3	3.2	91.3	0.1	24.
1.0	8.6	451.3	950.0	-3.5	-4.1	252.5	9.2	8.8	2.8	274.0	281.7	3.0	95.6	0.5	69.
1.7	10.5	671.6	925.0	-4.9	-5.1	257.0	9.5	9.3	2.1	274.7	282.0	2.8	98.2	0.9	71.
2.5	12.6	676.9	900.0	-6.2	-6.3	257.9	11.0	10.6	2.3	275.5	282.4	2.7	99.4	1.4	74.
3.4	14.4	1092.0	875.0	-7.4	-7.5	261.4	11.3	11.2	1.7	276.4	282.9	2.5	99.2	2.0	75.
4.7	16.7	1327.4	850.0	-8.7	-8.8	264.2	11.4	11.4	1.1	277.3	283.4	2.3	99.1	2.5	77.
4.9	16.9	1557.5	825.0	-9.7	-9.8	262.2	11.3	11.2	1.3	278.6	284.5	2.2	98.9	3.0	78.
5.8	21.0	1797.9	800.0	-10.3	-10.5	266.0	12.1	12.1	0.8	280.4	286.2	2.2	98.6	3.6	79.
6.7	23.0	2017.7	775.0	-10.5	-10.7	273.6	12.2	12.2	-0.8	282.6	286.7	2.2	98.4	4.3	81.
7.5	25.6	2247.9	750.0	-11.6	-12.0	278.6	11.1	11.0	-1.7	284.2	289.8	2.0	97.1	4.8	82.
8.4	27.9	2547.3	725.0	-12.3	-13.2	281.1	10.8	10.6	-2.1	286.2	291.5	1.9	92.5	5.4	84.
9.3	30.4	2915.2	700.0	-13.7	-15.4	278.6	11.8	11.6	-1.9	287.6	292.2	1.6	86.8	5.9	86.
10.2	33.0	3030.4	675.0	-15.2	-17.1	275.5	13.4	13.8	-1.3	288.8	293.0	1.5	85.5	6.6	87.
11.1	3.4	3375.4	650.0	-16.9	-19.2	269.7	13.3	13.3	0.1	290.0	293.8	1.3	82.3	7.4	88.
12.2	7.9	3649.1	625.0	-18.2	-20.4	260.7	12.7	12.5	2.0	291.7	295.3	1.2	82.9	8.2	87.
13.1	40.1	3771.1	600.0	-20.4	-23.6	258.2	13.5	13.2	2.8	292.6	295.4	0.9	75.6	9.0	87.
14.3	43.1	4248.8	575.0	-22.5	-26.1	256.6	14.0	13.6	2.6	293.7	296.1	0.8	72.4	9.9	86.
15.3	46.0	4611.7	550.0	-24.4	-30.0	256.6	17.9	17.4	4.1	295.1	296.9	0.6	50.4	11.0	85.
16.7	48.9	4940.2	525.0	-26.8	-35.1	255.3	19.4	18.6	4.9	296.2	297.3	0.4	45.1	12.4	84.
17.9	51.7	5244.5	500.0	-29.5	-37.3	254.9	19.7	19.0	5.1	297.0	298.0	0.3	46.5	13.8	83.
19.1	54.5	5671.2	475.0	-32.6	-41.2	253.7	20.2	19.6	5.0	297.5	298.3	0.2	41.7	15.2	82.
20.4	57.4	6041.5	450.0	-35.9	-44.3	254.0	20.8	20.0	5.7	298.1	298.6	0.2	41.0	16.8	82.
21.8	61.1	6415.6	425.0	-39.1	-49.9	251.0	20.5	19.3	6.7	298.9	299.9	99.9	99.9	18.6	81.
23.1	64.9	6744.6	400.0	-42.3	-54.9	254.1	21.9	21.0	6.0	300.1	299.9	99.9	99.9	20.4	80.
24.4	67.9	7231.4	375.0	-45.8	-59.4	250.7	27.6	21.5	7.5	300.9	299.9	99.9	99.9	22.5	79.
26.3	71.3	7737.2	350.0	-49.5	-64.9	247.7	27.0	20.3	8.4	302.0	299.9	99.9	99.9	24.3	79.
27.9	75.1	8215.3	325.0	-53.3	-69.9	245.3	20.8	18.9	8.7	303.2	297.9	99.9	99.9	26.4	78.
29.5	79.3	8710.9	300.0	-56.7	-74.9	243.9	22.4	20.5	10.1	304.8	299.9	99.9	99.9	28.3	77.
31.2	83.7	9247.5	275.0	-59.6	-79.9	243.1	27.4	24.4	11.5	306.8	299.9	99.9	99.9	30.8	76.
33.1	88.2	9841.1	250.0	-64.1	-84.9	244.5	37.0	33.4	15.9	307.7	299.9	99.9	99.9	34.4	74.
35.7	93.2	10500.0	225.0	-68.5	-90.7	244.7	36.9	33.7	15.7	308.5	299.9	99.9	99.9	39.1	73.
37.6	98.5	11374.7	200.0	-73.0	-99.0	246.2	40.3	36.1	16.3	309.9	299.9	99.9	99.9	44.9	72.
40.4	104.3	12187.0	175.0	-78.4	-109.4	247.0	37.0	34.0	14.4	311.8	299.9	99.9	99.9	51.0	72.
43.3	110.8	13179.5	150.0	-83.5	-119.9	245.7	36.2	33.0	14.9	317.9	299.9	99.9	99.9	57.4	71.
46.7	118.0	14351.2	125.0	-89.0	-129.9	247.9	37.6	35.0	14.3	317.2	299.9	99.9	99.9	65.8	70.
51.1	126.7	15789.7	100.0	-94.0	-139.9	243.7	24.1	27.9	8.2	423.9	299.9	99.9	99.9	73.5	70.
56.7	134.5	17621.0	75.0	-98.8	-149.9	251.7	25.2	23.9	7.9	453.8	299.9	99.9	99.9	84.8	70.
64.0	146.7	20140.8	50.0	-103.1	-159.9	245.0	32.3	29.2	13.6	494.9	299.9	99.9	99.9	99.1	69.
69.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED WINDS ELEVATION ANGLE BETWEEN 6 AND 10 DFG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PEORIA, ILL6 FEBRUARY 1975  
2045 GMT

TIME MIN	CNTCT	HEIGHT GPN	PHES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.3	260.0	493.1	-10.6	-16.1	290.0	5.1	4.6	-1.7	263.2	266.1	1.1	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	6.3	340.6	975.0	-13.7	-18.5	289.1	12.6	12.3	-3.5	261.9	264.3	0.9	64.6	0.4	102.
1.3	5.1	537.7	950.0	-15.1	-18.1	299.7	11.3	9.8	-5.6	262.0	264.5	1.0	77.5	0.9	109.
2.1	11.2	738.7	925.0	-16.8	-17.8	302.1	11.9	10.1	-6.3	262.2	264.9	1.0	91.8	1.3	113.
2.9	13.5	946.1	900.0	-12.8	-16.4	313.7	15.1	10.5	-10.8	266.5	271.6	1.2	76.1	2.0	119.
3.7	15.6	1501.4	875.0	-12.2	-22.3	317.6	14.7	9.9	-10.7	271.2	273.3	0.8	44.8	2.7	124.
4.6	17.4	1342.7	850.0	-13.2	-26.4	318.2	13.1	8.7	-9.7	272.4	273.8	0.5	31.9	3.6	127.
5.4	20.3	1639.7	825.0	-14.0	-28.1	318.8	13.4	9.5	-9.4	273.8	275.1	0.5	29.0	4.1	129.
6.2	22.5	1843.9	800.0	-13.2	-26.5	308.2	14.3	11.8	-8.0	277.2	278.7	0.5	31.7	4.7	129.
7.0	25.0	2045.1	775.0	-14.0	-28.4	290.6	13.7	12.8	-4.8	278.8	280.8	0.7	40.9	5.4	127.
7.8	27.3	2333.7	750.0	-14.4	-26.2	290.1	13.5	14.6	-5.3	281.0	282.7	0.6	34.0	6.1	125.
8.6	30.0	2593.4	725.0	-15.4	-16.9	288.7	14.2	15.7	-4.1	282.7	286.7	1.4	87.8	7.0	123.
9.7	32.0	2844.1	700.0	-16.4	-18.4	278.8	14.1	15.9	-2.7	284.5	288.6	1.5	95.6	7.9	121.
10.7	34.3	3124.2	675.0	-17.7	-18.4	279.0	14.5	16.3	-2.6	286.0	289.8	1.3	94.3	8.7	118.
11.6	37.4	3404.8	650.0	-19.3	-20.1	276.6	16.7	16.6	-1.9	287.3	290.7	1.2	93.0	9.6	117.
12.6	40.3	3700.9	625.0	-20.9	-22.7	273.0	16.8	16.7	-0.9	288.7	291.6	1.0	85.0	10.5	114.
13.6	43.1	4001.5	600.0	-22.7	-26.1	272.3	18.1	18.1	-0.7	289.9	292.2	0.8	73.8	11.5	113.
14.5	46.3	4312.8	575.0	-24.4	-30.4	270.6	18.0	18.0	-0.2	291.4	293.0	0.5	54.6	12.4	111.
15.6	49.3	4634.2	550.0	-26.7	-34.0	267.9	14.1	18.1	0.7	292.4	293.7	0.4	49.9	13.5	109.
16.5	52.1	4954.2	525.0	-29.8	-36.6	268.4	18.6	18.6	0.5	292.6	293.6	0.3	51.2	14.5	108.
17.7	55.2	5315.4	500.0	-32.4	-39.7	279.0	19.1	19.1	0.4	293.5	294.3	0.2	47.9	15.7	106.
18.7	58.4	5675.0	475.0	-35.6	-42.8	270.7	18.9	18.9	-0.2	293.9	294.5	0.2	46.8	16.8	105.
19.0	61.4	6044.9	450.0	-38.7	-46.2	273.7	20.4	20.4	-1.3	294.5	295.0	0.1	44.6	18.1	104.
20.4	65.3	6434.9	425.0	-41.7	-49.9	274.1	20.9	20.9	-1.5	295.6	299.9	99.9	999.9	19.4	103.
22.0	68.8	6866.8	400.0	-45.4	-54.9	275.7	20.4	20.3	-2.0	295.9	299.9	99.9	999.9	20.9	103.
23.5	72.3	7274.1	375.0	-48.8	-59.7	276.0	18.6	18.6	-1.7	297.1	299.9	99.9	999.9	22.6	102.
25.1	76.3	7724.4	350.0	-50.5	-60.4	291.4	17.3	16.1	-6.3	300.6	299.9	99.9	999.9	24.1	102.
26.8	80.4	8205.4	325.0	-53.7	-64.9	298.4	17.2	17.5	-8.1	302.6	299.9	99.9	999.9	25.9	103.
28.4	84.6	8717.0	300.0	-57.8	-69.9	296.8	18.5	16.5	-8.1	306.7	299.9	99.9	999.9	27.6	104.
30.1	89.0	9267.4	275.0	-56.0	-69.9	282.7	17.5	17.1	-3.8	314.1	299.9	99.9	999.9	29.4	104.
32.1	93.8	9768.8	250.0	-53.9	-69.9	269.7	23.1	23.1	0.1	324.0	299.9	99.9	999.9	31.8	104.
34.3	98.8	10554.6	225.0	-50.4	-69.9	269.5	23.5	23.5	0.6	341.2	299.9	99.9	999.9	34.9	102.
36.6	104.3	11724.3	200.0	-51.4	-69.9	270.7	22.6	22.6	-0.3	351.5	299.9	99.9	999.9	38.4	101.
39.5	110.3	13130.3	175.0	-51.7	-69.9	273.4	22.1	22.1	-1.6	364.5	299.9	99.9	999.9	42.4	100.
42.8	116.7	14141.5	150.0	-52.6	-69.9	276.4	22.3	22.1	-3.3	374.5	299.9	99.9	999.9	47.4	100.
46.8	124.3	15364.5	125.0	-53.5	-69.9	275.9	22.4	22.3	-2.3	398.2	299.9	99.9	999.9	52.8	100.
51.6	132.3	16791.6	100.0	-54.8	-69.9	277.4	28.5	28.3	-3.7	421.8	299.9	99.9	999.9	60.0	100.
57.1	141.0	17627.5	75.0	-56.7	-69.9	280.4	28.1	28.7	-4.5	454.2	299.9	99.9	999.9	67.2	100.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
 OF POOR QUALITY

STATION NO. 553  
OMAHA, NEH6 FEBRUARY 1975  
2100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIN DEG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.1	400.0	973.4	-10.4	-16.4	280.0	6.7	6.6	-1.2	284.9	267.8	1.1	61.0	0.0	0.
00.9	90.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	90.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	10.2	500.0	950.0	-13.8	-20.4	284.8	6.4	6.2	-1.6	283.3	265.4	0.8	57.3	0.3 100.	0.3 100.
1.4	12.1	700.1	925.0	-15.2	-21.7	289.5	4.3	6.1	-4.6	283.8	265.8	0.7	57.7	0.6 100.	0.6 100.
2.1	14.7	900.0	900.0	-13.5	-26.0	315.4	12.1	6.4	-9.9	267.7	269.1	0.5	34.1	1.1 115.	1.1 115.
2.9	16.3	1200.0	875.0	-13.6	-37.5	319.4	11.7	7.6	-9.9	269.6	270.1	0.2	11.2	1.6 123.	1.6 123.
3.6	19.3	1430.0	850.0	-14.2	-38.9	315.0	12.3	8.7	-8.7	271.3	271.8	0.2	10.1	2.1 126.	2.1 126.
4.5	21.6	1650.0	825.0	-14.8	-39.1	311.5	11.6	8.7	-7.7	272.9	273.4	0.2	10.5	2.8 128.	2.8 128.
5.4	24.2	1840.0	800.0	-14.9	-32.4	322.0	13.6	8.4	-10.7	275.3	276.3	0.3	23.2	3.4 129.	3.4 129.
6.2	26.5	2120.1	775.0	-15.4	-21.3	328.3	13.2	7.0	-11.2	277.3	279.8	0.9	60.8	4.1 132.	4.1 132.
6.9	29.2	2370.2	750.0	-16.6	-22.0	326.5	10.1	7.8	-11.7	278.8	281.1	0.9	63.0	4.6 136.	4.6 136.
7.7	31.9	2610.2	725.0	-18.4	-22.2	324.3	15.4	9.3	-12.9	279.4	281.9	0.9	72.2	5.3 136.	5.3 136.
8.5	34.7	2841.5	700.0	-19.9	-24.7	319.0	16.2	11.9	-13.0	280.5	282.7	0.8	68.7	6.1 137.	6.1 137.
9.4	37.2	3167.1	675.0	-16.7	-39.3	317.9	20.5	17.8	-15.2	287.0	287.6	0.2	11.9	7.2 136.	7.2 136.
10.3	40.0	3495.4	650.0	-17.2	-34.1	317.6	41.8	14.7	-16.1	284.6	290.3	0.2	14.1	8.3 137.	8.3 137.
11.3	42.7	3718.7	625.0	-19.0	-38.8	313.0	23.2	17.0	-15.8	290.8	291.4	0.2	15.3	9.7 137.	9.7 137.
12.2	45.6	4041.2	600.0	-21.3	-37.1	311.2	24.3	18.3	-16.1	291.5	292.3	0.3	22.4	11.0 136.	11.0 136.
13.2	48.3	4353.7	575.0	-23.6	-33.2	316.6	22.4	15.4	-16.2	292.3	293.6	0.4	40.8	12.5 136.	12.5 136.
14.3	51.6	4677.1	550.0	-26.1	-34.7	318.5	22.9	19.2	-17.2	293.1	294.3	0.4	43.7	13.9 136.	13.9 136.
15.4	54.8	5012.4	525.0	-27.6	-37.4	320.4	15.0	19.8	-19.4	295.2	296.1	0.3	38.2	15.4 136.	15.4 136.
16.6	57.9	5367.4	500.0	-29.4	-41.4	322.0	26.5	16.3	-20.9	297.1	297.8	0.2	30.1	17.4 137.	17.4 137.
17.9	61.1	5726.3	475.0	-32.4	-45.8	321.6	28.2	17.5	-22.1	297.8	298.3	0.1	24.8	19.5 137.	19.5 137.
19.2	64.7	6105.6	450.0	-35.0	-49.4	327.4	30.9	16.6	-26.0	299.2	299.5	0.1	21.2	21.6 138.	21.6 138.
20.5	68.3	6501.8	425.0	-38.0	-52.2	329.0	33.0	17.0	-28.3	300.3	300.5	0.1	20.7	24.1 139.	24.1 139.
21.9	71.6	6916.2	400.0	-41.4	-59.9	325.8	34.9	19.6	-28.8	300.6	300.9	0.9	99.9	27.0 140.	27.0 140.
23.5	75.3	7349.5	375.0	-45.7	-69.9	325.6	15.7	20.2	-29.5	301.1	301.9	99.9	99.9	30.4 141.	30.4 141.
25.0	79.3	7805.2	350.0	-49.8	-69.9	327.0	19.0	21.2	-32.7	301.6	301.9	99.9	99.9	33.0 141.	33.0 141.
26.8	83.5	8256.1	325.0	-53.4	-69.9	328.2	34.5	19.3	-31.1	303.0	303.0	99.9	99.9	37.6 142.	37.6 142.
28.6	87.7	8717.7	300.0	-55.2	-69.9	314.4	32.9	21.5	-23.1	307.5	309.9	99.9	99.9	41.3 142.	41.3 142.
30.5	92.4	9154.7	275.0	-56.5	-69.9	313.0	31.9	23.3	-21.8	316.4	316.4	99.9	99.9	44.8 141.	44.8 141.
32.9	97.0	9650.8	250.0	-53.6	-69.9	304.6	40.1	21.5	-14.8	326.4	326.4	99.9	99.9	49.5 140.	49.5 140.
35.2	102.3	10144.8	225.0	-52.4	-69.9	299.4	29.1	25.1	-14.5	337.6	337.6	99.9	99.9	52.9 139.	52.9 139.
38.0	107.3	11409.4	200.0	-51.1	-69.9	299.6	27.3	23.7	-13.5	351.9	351.9	99.9	99.9	57.4 137.	57.4 137.
41.3	113.5	12277.7	175.0	-50.1	-69.9	298.7	24.1	21.2	-11.6	367.2	367.2	99.9	99.9	62.9 136.	62.9 136.
45.7	119.4	13214.7	150.0	-49.7	-69.9	300.1	22.2	19.2	-11.1	384.4	384.4	99.9	99.9	69.4 135.	69.4 135.
50.5	126.5	14463.6	125.0	-55.3	-69.9	284.3	25.1	24.4	-6.2	394.9	394.9	99.9	99.9	75.0 133.	75.0 133.
54.6	134.7	15481.1	100.0	-55.2	-69.9	295.3	23.0	20.7	-10.1	421.1	421.1	99.9	99.9	82.0 131.	82.0 131.
61.1	142.3	17230.7	75.0	-58.7	-69.9	300.5	20.5	17.7	-10.4	450.0	450.0	99.9	99.9	89.0 129.	89.0 129.
69.9	150.1	20272.8	50.0	-60.2	-69.9	285.4	13.0	12.5	-3.5	501.8	501.8	99.9	99.9	99.2 128.	99.2 128.
82.5	158.1	24500.4	25.0	-62.7	-69.9	288.0	27.5	21.5	-7.0	604.9	604.9	99.9	99.9	113.0 125.	113.0 125.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 \* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 502  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
2043 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRFS MM	TEMP DG C	DTW MT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.5	647.0	920.0	-2.9	-21.0	300.0	6.7	5.8	-3.3	276.9	279.1	0.8	23.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	14.6	1027.0	900.0	-5.3	-25.0	309.7	5.6	4.3	-3.8	276.1	277.7	0.6	19.6	0.4	126.
1.3	16.3	1247.2	875.0	-7.5	-24.3	306.6	6.4	5.2	-3.8	276.1	277.9	0.6	24.5	0.6	127.
2.1	19.3	1471.9	850.0	-9.7	-24.5	305.5	7.4	6.2	-4.6	276.1	277.8	0.6	28.6	0.9	126.
2.9	21.7	1701.3	825.0	-11.8	-27.8	315.7	10.1	7.0	-7.2	276.2	277.6	0.5	29.1	1.3	127.
3.7	24.1	1936.6	800.0	-11.5	-36.1	319.6	14.5	9.4	-11.0	277.0	279.6	0.2	10.9	1.9	131.
4.6	26.4	2141.5	775.0	-11.6	-37.1	324.3	19.6	11.4	-15.9	281.3	281.9	0.2	10.0	2.8	134.
5.4	29.1	2331.1	750.0	-12.6	-39.2	320.1	20.9	13.4	-16.0	282.9	283.5	0.2	8.6	3.8	137.
6.3	31.9	2644.7	725.0	-13.2	-40.5	314.6	23.6	16.8	-16.5	285.0	285.5	0.1	7.9	5.0	137.
7.1	34.7	2954.3	700.0	-14.2	-38.9	313.9	24.1	17.4	-16.7	286.8	287.4	0.2	10.3	6.2	136.
8.2	37.2	3231.5	675.0	-15.6	-34.6	314.2	23.6	16.9	-16.5	288.2	289.2	0.3	18.4	7.7	136.
9.2	40.0	3515.3	650.0	-17.4	-23.2	315.6	23.6	16.5	-16.6	289.4	292.0	0.9	60.2	9.2	135.
10.2	42.4	3877.7	625.0	-19.0	-25.7	316.7	25.0	17.2	-18.2	289.8	292.1	0.8	62.3	10.6	136.
11.3	45.7	4109.6	600.0	-21.9	-29.0	318.3	25.6	17.0	-19.2	290.8	292.6	0.6	52.1	12.2	136.
12.4	48.5	4421.5	575.0	-23.3	-32.1	315.8	25.7	17.9	-18.4	292.7	294.1	0.4	43.1	14.0	136.
13.4	51.7	4746.2	550.0	-24.2	-44.6	313.1	24.4	17.4	-16.7	295.3	295.8	0.1	19.3	15.6	136.
14.9	54.9	5044.6	525.0	-25.4	-48.3	312.2	26.5	19.6	-17.8	297.9	298.2	0.1	9.6	17.6	136.
16.2	58.1	5417.4	500.0	-27.4	-42.9	310.7	27.3	20.8	-17.6	299.1	299.7	0.2	21.9	19.8	135.
17.4	61.3	5803.9	475.0	-30.6	-41.5	312.3	26.8	19.6	-18.0	300.1	300.8	0.2	33.3	21.9	135.
18.7	64.5	6147.0	450.0	-32.5	-47.7	315.4	25.9	18.2	-19.4	302.3	302.7	0.1	20.4	23.9	135.
20.3	68.1	6547.0	425.0	-35.9	-48.5	317.0	23.3	15.9	-17.1	303.0	303.4	0.1	25.7	26.1	135.
21.6	71.7	7005.2	400.0	-34.5	-51.1	311.7	25.9	19.3	-17.2	303.5	303.8	0.1	27.5	28.1	135.
23.1	75.5	7443.4	375.0	-43.1	99.9	313.3	35.2	25.6	-24.1	304.6	999.9	99.9	99.9	30.8	135.
24.5	79.5	7904.5	350.0	-47.1	99.9	315.9	29.9	24.0	-21.5	305.7	999.9	99.9	99.9	33.6	135.
26.2	83.4	8300.3	325.0	-51.1	99.9	316.7	35.0	24.0	-25.4	306.2	999.9	99.9	99.9	36.7	135.
27.8	87.4	8904.9	300.0	-54.0	99.9	316.4	34.7	23.9	-25.1	306.5	999.9	99.9	99.9	40.2	135.
29.7	92.2	9455.6	275.0	-57.1	99.9	315.4	34.9	24.5	-24.8	312.6	999.9	99.9	99.9	44.0	135.
31.7	96.8	10041.4	250.0	-55.6	99.9	313.4	36.2	26.3	-24.9	323.4	999.9	99.9	99.9	49.1	135.
33.1	101.3	10715.3	225.0	-55.4	99.9	314.4	35.3	27.5	-27.1	313.3	999.9	99.9	99.9	57.6	134.
34.6	107.3	11491.4	200.0	-52.2	99.9	314.0	32.8	23.6	-22.8	350.1	999.9	99.9	99.9	62.8	134.
36.6	113.3	12134.0	175.0	-57.6	99.9	310.7	34.86	26.3	-22.6	363.0	999.9	99.9	99.9	68.6	134.
41.4	119.5	13775.7	150.0	-52.8	99.9	312.3	30.96	22.8	-20.8	374.1	999.9	99.9	99.9	73.5	133.
44.9	126.7	14520.5	125.0	-57.1	99.9	299.4	26.16	22.7	-13.0	391.7	999.9	99.9	99.9	79.4	132.
48.7	134.7	15312.5	100.0	-57.4	99.9	294.1	19.3	17.7	-7.9	416.9	999.9	99.9	99.9	86.9	132.
54.2	142.7	17759.9	75.0	-58.0	99.9	308.1	14.9	14.9	-11.7	451.5	999.9	99.9	99.9	93.8	131.
61.2	151.7	23301.0	50.0	-61.5	99.9	307.7	18.7	14.9	-11.3	498.7	999.9	99.9	99.9	104.8	130.
72.5	161.3	24584.8	25.0	-61.0	99.9	299.1	22.4	19.6	-10.9	603.9	999.9	99.9	99.9		

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 406  
PORTLAND, ME6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	WGT GPH	PRFS MB	TEMP DG C	DEW PT DG C	NIR DG	SUFD M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0-3	5-1	20-2	990-6	0-0	-6-8	150-0	3-6	0-6	-3-5	273-7	279-7	2-3	60-0	0-0	0-
99-9	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
8-7	7-3	198-7	975-0	-2-2	-2-8	99-9	99-9	99-9	99-9	273-3	281-5	3-2	90-2	99-9	99-9
1-6	10-2	600-5	950-0	-3-9	-4-0	99-9	99-9	99-9	99-9	273-6	281-3	3-0	99-0	99-9	99-9
2-3	12-3	111-0	925-0	-4-7	-4-7	121-4	1-8	1-1	-1-4	275-1	282-8	3-0	100-2	0-6	172-
3-1	14-9	827-1	900-0	-4-2	-4-2	256-8	5-2	5-1	1-2	277-6	285-8	3-1	100-3	0-6	157-
3-9	17-1	1048-9	875-0	-5-4	-5-4	252-1	6-3	6-0	2-3	279-3	286-5	2-9	100-1	0-7	130-
4-7	19-9	1276-0	850-0	-6-4	-6-4	250-4	7-0	6-6	2-3	279-3	286-5	2-7	99-9	0-9	113-
5-5	21-1	1508-5	825-0	-8-1	-8-1	262-5	9-0	8-9	1-2	280-2	286-8	2-5	99-7	1-2	103-
6-5	24-5	1747-3	800-0	-9-1	-9-5	264-7	11-1	10-7	-2-8	281-7	288-0	2-3	97-3	1-8	100-
7-3	26-9	1971-1	775-0	-9-1	-10-1	297-6	13-1	11-6	-6-1	284-1	290-3	2-3	93-8	2-4	103-
8-2	29-5	2244-6	750-0	-9-4	-10-6	292-7	10-6	9-7	-4-1	286-6	292-9	2-3	91-5	3-0	108-
9-1	32-3	2599-0	725-0	-9-8	-10-7	289-1	11-1	11-1	0-2	289-0	295-5	2-3	93-2	3-5	106-
10-1	35-3	2774-0	700-0	-11-3	-12-0	270-4	13-1	13-1	-0-1	290-2	296-3	2-2	95-0	4-2	102-
11-1	37-7	3074-0	675-0	-12-7	-13-7	276-9	13-0	12-9	-1-6	291-6	297-3	2-0	92-1	5-0	101-
12-1	40-4	3343-1	650-0	-14-0	-15-2	275-7	12-4	12-4	-1-2	293-3	298-5	1-8	91-0	5-8	101-
13-1	43-3	3642-1	625-0	-15-8	-16-9	277-1	10-8	10-7	-1-0	294-6	299-3	1-6	90-5	6-5	100-
14-1	46-3	3942-0	600-0	-17-6	-19-1	277-6	10-3	10-2	-1-4	295-9	300-1	1-4	88-0	7-1	100-
15-4	49-4	4244-0	575-0	-19-7	-22-2	268-4	12-1	12-1	0-3	297-0	300-4	1-1	80-0	7-9	99-
16-4	52-3	4544-4	550-0	-21-7	-24-9	270-0	14-1	14-1	-0-4	298-4	301-2	0-9	75-0	8-9	98-
17-9	55-4	4938-7	525-0	-24-1	-27-4	273-6	17-3	12-3	-0-8	299-5	301-9	0-8	74-3	9-9	97-
18-0	58-6	5210-4	500-0	-26-7	-29-6	274-8	10-2	10-2	-0-8	300-5	302-6	0-7	76-5	10-7	97-
20-4	62-9	5638-7	475-0	-29-9	-32-2	273-4	8-5	8-5	-0-6	301-0	302-7	0-5	79-7	11-4	97-
21-8	65-4	6031-4	450-0	-33-2	-35-3	269-9	7-0	7-0	0-0	301-5	302-8	0-4	81-3	12-0	97-
23-1	69-3	6443-3	425-0	-36-8	-39-6	271-3	7-4	7-4	-0-2	301-8	302-8	0-3	75-3	12-6	96-
24-5	72-0	6857-3	400-0	-40-5	-43-4	269-7	5-0	5-0	0-0	302-4	302-9	99-9	99-9	13-2	96-
26-0	76-4	7293-1	375-0	-44-4	-47-9	262-5	4-2	4-2	0-5	302-9	302-9	99-9	99-9	13-6	96-
27-5	80-4	7751-4	350-0	-48-4	-51-9	263-9	4-7	4-7	0-5	303-5	302-9	99-9	99-9	13-9	96-
29-3	84-3	8238-2	325-0	-50-4	-53-4	261-5	14-5	14-5	2-1	307-2	302-9	99-9	99-9	14-7	95-
31-7	88-2	8748-4	300-0	-50-0	-53-4	259-7	14-9	14-9	16-6	302-4	302-9	99-9	99-9	15-2	93-
33-1	93-2	9328-0	275-0	-50-0	-53-4	256-1	35-3	34-3	8-5	314-9	302-9	99-9	99-9	16-0	90-
35-4	98-3	9941-0	250-0	-49-7	-52-1	250-7	44-7	42-2	14-8	322-9	302-9	99-9	99-9	16-2	86-
37-8	103-0	10614-7	225-0	-45-9	-48-7	249-7	47-9	45-0	16-6	342-1	302-9	99-9	99-9	16-5	83-
40-3	108-5	11407-4	200-0	-51-9	-54-9	250-4	48-3	45-5	16-2	350-6	302-9	99-9	99-9	16-8	81-
43-2	114-5	12273-8	175-0	-52-5	-55-9	250-7	40-2	37-8	13-5	363-2	302-9	99-9	99-9	17-2	79-
46-6	120-8	13266-0	150-0	-53-5	-56-9	246-5	46-7	42-9	18-6	377-9	302-9	99-9	99-9	17-5	77-
50-9	128-0	14417-9	125-0	-53-8	-56-9	244-0	47-2	37-9	18-5	397-6	302-9	99-9	99-9	17-8	75-
54-2	136-3	15663-8	100-0	-58-5	-61-9	244-9	16-1	32-7	15-3	414-8	302-9	99-9	99-9	18-2	74-
63-7	143-7	17645-7	75-0	-58-3	-61-9	253-3	33-2	31-8	9-6	45-7	302-9	99-9	99-9	18-5	73-
71-3	152-3	20142-5	50-0	-64-0	-67-9	248-8	32-2	30-1	11-7	492-8	302-9	99-9	99-9	18-8	73-
84-7	161-3	24637-7	25-0	-63-2	-66-9	252-1	56-3	53-6	17-3	603-4	302-9	99-9	99-9	19-3	73-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2100 GMT

150 25. 0

TIME MIN	CNTCT	WFLHT CM	PRES MM	TEMP DEG C	DW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.6	230.0	476.6	0.0	-3.7	750.3	4.6	4.3	1.6	275.4	283.0	2.9	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	6.3	240.7	475.0	-0.1	-4.1	746.9	4.9	4.6	1.6	275.4	282.9	2.9	74.6	0.0	15.
0.9	8.5	456.4	475.0	-0.2	-3.8	746.1	6.9	6.3	2.6	275.3	283.2	3.0	88.5	0.4	68.
1.6	10.2	667.3	475.0	-6.4	-5.4	753.5	8.3	7.9	2.4	275.2	282.4	2.8	92.4	0.7	68.
2.5	12.4	863.0	900.0	-6.2	-6.5	765.7	9.6	9.6	0.8	275.4	282.2	2.6	97.6	1.2	73.
3.3	14.5	1101.0	875.0	-7.6	-8.0	769.1	10.4	10.4	0.2	276.2	282.5	2.4	97.2	1.7	77.
4.1	16.5	1324.2	850.0	-9.0	-9.4	770.1	10.6	10.6	-0.1	277.0	282.9	2.2	96.8	2.2	80.
5.0	18.7	1524.4	835.0	-10.1	-10.6	773.3	11.5	11.5	-0.7	278.1	283.7	2.1	96.7	2.7	83.
5.9	20.9	1745.6	800.0	-11.9	-12.4	768.5	13.7	13.7	0.4	278.7	283.7	1.8	96.3	3.4	86.
6.9	22.9	2034.1	775.0	-12.9	-13.8	761.1	11.7	11.6	1.6	280.1	284.6	1.7	92.8	4.2	85.
7.8	25.2	2284.1	750.0	-13.1	-14.2	760.7	12.6	12.4	2.0	282.6	287.3	1.7	91.4	4.8	84.
8.9	27.4	2546.2	725.0	-14.1	-15.6	765.9	13.7	13.7	1.0	284.1	288.5	1.6	88.7	5.6	84.
9.8	29.4	2812.4	700.0	-15.0	-16.4	765.0	15.4	15.3	1.1	286.0	290.1	1.4	85.1	6.5	84.
10.9	31.3	3097.0	675.0	-16.3	-18.8	761.0	15.6	15.5	2.5	287.6	291.3	1.3	80.5	7.5	84.
12.0	33.9	3370.5	650.0	-17.7	-20.8	763.6	14.8	14.7	1.6	289.1	292.3	1.1	78.2	8.5	84.
13.0	37.2	3643.2	625.0	-19.5	-25.1	769.4	14.7	14.7	0.2	290.3	292.6	0.8	59.6	9.4	84.
14.1	39.4	3905.4	600.0	-21.3	-26.1	767.7	14.7	14.7	0.6	291.5	293.7	0.7	62.7	10.4	85.
15.2	42.3	4179.4	575.0	-23.4	-29.1	767.0	16.4	16.2	2.3	292.6	294.5	0.6	59.2	11.4	85.
16.3	45.1	4467.2	550.0	-25.5	-30.4	759.0	17.5	17.1	3.1	293.8	295.4	0.5	60.5	12.5	84.
17.5	48.1	4737.9	525.0	-28.1	-33.4	756.5	18.2	17.9	3.6	294.7	296.0	0.4	57.7	13.7	84.
18.6	50.3	4981.4	500.0	-30.4	-38.2	756.6	19.5	18.9	4.5	296.0	296.9	0.3	48.0	15.2	83.
19.9	53.9	5244.9	475.0	-31.7	-41.3	755.4	20.4	20.2	5.3	296.2	296.9	0.2	45.9	16.7	83.
21.1	56.9	5509.9	450.0	-36.8	-46.7	749.6	21.6	20.3	7.5	297.0	297.4	0.1	34.6	18.4	82.
22.7	60.1	5779.2	425.0	-34.9	-49.9	752.5	21.2	20.2	6.4	297.9	299.0	0.9	99.9	20.1	81.
24.1	63.6	6043.1	400.0	-41.5	-49.7	752.4	22.1	21.1	6.7	298.5	299.9	0.9	99.9	21.8	80.
25.0	67.0	6263.3	375.0	-47.3	-49.9	745.9	21.7	19.6	8.8	299.1	299.9	0.9	99.9	24.0	79.
27.3	70.6	7213.2	350.0	-51.1	-49.9	747.7	25.0	23.1	9.5	299.8	299.9	0.9	99.9	26.1	78.
28.9	74.5	8170.4	325.0	-55.2	-47.9	749.5	24.4	23.4	8.7	300.5	299.9	0.9	99.9	28.4	77.
30.5	78.6	8937.6	300.0	-58.2	-49.9	753.4	24.3	23.3	6.6	303.4	299.9	0.9	99.9	31.0	77.
32.4	82.7	9746.8	275.0	-56.3	-49.9	746.7	23.6	21.6	9.5	313.8	299.9	0.9	99.9	33.4	76.
34.5	87.0	10521.1	250.0	-50.3	-49.9	750.1	24.1	22.0	6.2	322.4	299.9	0.9	99.9	36.0	76.
36.6	92.0	10524.2	225.0	-53.4	-49.9	747.9	24.1	23.1	9.4	336.6	299.9	0.9	99.9	38.6	74.
38.2	97.1	11297.8	200.0	-51.3	-49.9	754.6	26.4	25.7	7.0	351.6	299.9	0.9	99.9	44.0	74.
40.1	103.0	12156.7	175.0	-54.6	-49.9	752.9	25.5	24.4	7.5	363.0	299.9	0.9	99.9	48.5	75.
43.1	109.7	13152.1	150.0	-51.7	-49.9	747.0	25.5	23.5	10.0	377.6	299.9	0.9	99.9	52.7	74.
46.6	116.5	14321.2	125.0	-53.8	-49.9	756.6	28.6	27.8	6.6	397.7	299.9	0.9	99.9	58.3	74.
52.0	125.0	15753.1	100.0	-53.1	-49.9	757.5	25.3	24.7	5.5	425.1	299.9	0.9	99.9	65.1	74.
57.9	134.5	17544.4	75.0	-57.4	-49.9	766.2	23.6	23.9	1.5	452.7	299.9	0.9	99.9	72.5	75.
64.7	144.5	20113.0	50.0	-67.0	-49.9	762.0	24.0	24.1	3.4	497.5	299.9	0.9	99.9	81.4	74.
75.1	159.0	24361.4	25.0	-67.0	-49.9	999.9	99.9	99.9	99.9	663.8	299.9	0.9	99.9	99.9	99.9

0 MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS6 FEBRUARY 1975  
2017 GMT

150 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR NG	SUFD W/SEC	U COMP W/SEC	V COMP W/SEC	POT T DG K	E POT T DG K	MX STD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	210.0	984.1	-10.6	-17.6	270.0	0.2	16.2	0.0	263.9	266.4	1.0	90.0	0.0	0.
00.0	90.0	90.0	1000.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.2	9.0	241.4	775.0	-11.2	-19.0	291.0	12.9	12.0	-0.6	264.0	266.3	0.9	51.2	0.3	91.
1.0	10.4	479.4	950.0	-13.5	-20.5	249.3	11.3	10.2	-4.7	263.3	265.3	0.8	50.6	0.7	103.
1.7	12.6	641.7	925.0	-15.7	-21.2	304.3	9.6	6.0	-5.4	263.3	265.3	0.8	62.5	1.1	109.
2.4	15.0	607.6	900.0	-17.4	-21.1	314.7	10.1	7.2	-7.1	263.6	265.7	0.8	72.6	1.4	115.
3.1	17.2	1044.1	875.0	-18.5	-21.9	319.3	12.6	8.2	-9.5	264.7	266.7	0.8	74.5	1.8	120.
3.9	19.7	1315.5	850.0	-16.1	-20.2	312.2	15.1	11.2	-10.2	269.1	270.3	0.4	39.0	2.5	125.
4.7	22.0	1514.7	825.0	-17.4	-20.7	306.7	14.4	11.6	-8.6	270.2	270.8	0.2	17.6	3.3	126.
5.5	24.7	1773.4	800.0	-17.0	-20.4	299.1	12.6	11.1	-6.2	273.0	273.5	0.2	12.9	3.9	125.
6.2	27.0	2031.2	775.0	-17.4	-20.2	294.9	11.1	11.4	-5.7	275.1	275.4	0.1	9.4	4.4	124.
7.0	29.7	2251.7	750.0	-17.9	-20.5	290.3	13.2	12.4	-4.6	277.2	277.4	0.1	6.8	5.1	123.
7.9	32.4	2596.7	725.0	-18.9	-20.2	285.4	14.2	13.6	-3.9	278.7	279.0	0.1	6.9	5.7	121.
8.7	35.1	2770.0	700.0	-18.4	-20.0	281.4	16.5	16.1	-3.3	281.7	281.9	0.1	6.9	6.5	119.
9.4	37.4	3014.4	675.0	-19.4	-20.4	271.6	14.6	14.6	-0.5	284.0	285.0	0.3	5.0	7.0	116.
10.8	40.5	3119.1	650.0	-19.9	-20.1	272.4	14.3	19.3	-0.8	286.5	286.7	0.1	6.4	8.7	112.
12.0	43.1	3603.5	625.0	-20.8	-20.1	275.9	20.2	20.1	-2.1	288.6	288.8	0.0	3.5	10.0	110.
13.0	46.3	3910.4	600.0	-21.9	-20.7	276.2	17.9	17.8	-1.9	290.0	290.9	0.0	3.4	11.1	109.
14.0	49.4	4227.4	575.0	-23.4	-20.9	276.5	17.4	17.3	-2.0	292.0	292.1	0.0	3.4	12.2	107.
15.0	52.3	4546.3	550.0	-25.9	-20.9	277.1	16.0	17.9	-2.3	293.3	293.4	0.0	2.8	13.1	107.
16.0	55.4	4841.3	525.0	-28.8	-20.9	273.6	19.0	19.0	-1.2	293.8	293.9	0.0	4.7	14.2	106.
17.0	58.4	5224.1	500.0	-31.4	-20.9	273.4	19.9	19.8	-1.2	294.2	294.3	0.0	5.5	15.4	103.
18.1	62.3	5552.1	475.0	-34.1	-22.5	268.7	16.9	16.9	0.4	295.8	296.4	0.2	41.9	16.6	104.
19.2	65.3	5765.7	450.0	-36.9	-23.2	265.2	17.3	17.2	1.5	296.9	297.5	0.2	51.4	17.7	103.
20.4	68.8	6354.6	425.0	-40.7	-24.9	266.3	19.0	19.0	1.2	297.5	299.9	0.9	90.9	18.9	101.
21.7	72.3	6744.2	400.0	-43.7	-24.9	274.0	20.8	20.8	-1.4	298.2	299.9	0.9	90.9	20.5	101.
23.2	76.1	7149.7	375.0	-46.9	-24.9	277.2	22.3	22.1	-2.0	299.5	299.9	0.9	90.9	22.3	100.
24.3	80.1	7651.0	350.0	-50.5	-24.9	274.4	21.6	21.6	-1.7	300.6	299.9	0.9	90.9	24.5	100.
26.4	84.0	8131.4	325.0	-53.2	-24.9	275.5	22.1	22.0	-2.1	303.4	299.9	0.9	90.9	26.7	100.
28.3	88.2	8645.2	300.0	-56.5	-24.9	278.7	21.2	21.0	-3.2	305.7	299.9	0.9	90.9	29.1	99.
30.1	92.4	9142.9	275.0	-59.9	-24.9	275.8	21.5	23.4	-2.4	308.5	299.9	0.9	90.9	31.4	99.
32.2	97.4	9741.4	250.0	-58.0	-24.9	265.3	23.5	23.4	1.9	322.9	299.9	0.9	90.9	34.2	98.
34.6	102.4	10446.6	225.0	-52.2	-24.9	268.7	21.9	21.4	0.5	330.6	299.9	0.9	90.9	37.5	98.
37.4	108.0	11233.5	200.0	-49.3	-24.9	269.4	19.7	19.7	0.4	334.6	299.9	0.9	90.9	41.1	97.
40.4	114.8	12107.6	175.0	-51.5	-24.9	267.7	21.2	21.1	0.9	344.9	299.9	0.9	90.9	44.4	96.
43.7	119.5	13101.0	150.0	-52.9	-24.9	274.4	17.0	17.0	-1.3	379.0	299.9	0.9	90.9	48.6	96.
48.2	124.7	14276.7	125.0	-52.8	-24.9	240.4	22.5	22.1	-4.0	399.5	299.9	0.9	90.9	53.7	96.
53.2	134.1	15719.3	100.0	-53.8	-24.9	267.9	15.4	15.4	0.6	423.9	299.9	0.9	90.9	59.9	96.
59.3	142.0	17440.0	75.0	-54.1	-24.9	242.0	21.4	20.9	-0.5	450.8	299.9	0.9	90.9	64.8	96.
67.0	150.3	20113.4	50.0	-54.3	-24.9	241.3	10.7	10.5	-2.1	503.8	299.9	0.9	90.9	79.9	97.
77.8	159.7	24740.8	25.0	-64.6	-24.9	276.6	21.5	20.3	-3.4	600.0	299.9	0.9	90.9	99.0	97.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2100 GMT

TIME MIN	CATCT	HEIGHT GPM	QTES WD	TEMP DG C	DEW PT DG C	DIR DG	SPFLD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	316.0	979.0	-13.7	-21.0	290.0	4.1	3.9	-1.4	261.1	263.1	0.7	54.0	0.0	0.
99.9	99.9	64.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.7	342.1	975.0	-14.4	-21.4	286.3	5.5	5.2	-1.5	260.7	262.6	0.7	55.3	0.1	48.
0.8	8.8	542.9	950.0	-17.0	-21.1	281.6	7.9	7.0	-1.6	260.0	261.9	0.7	59.1	0.3	107.
1.4	10.7	742.4	925.0	-19.0	-21.0	285.6	6.9	6.7	-1.9	260.0	262.0	0.8	64.2	0.6	104.
2.3	12.4	946.2	900.0	-18.3	-19.6	305.8	7.3	5.9	-4.2	262.7	265.1	0.9	69.8	0.9	109.
3.1	14.9	1157.4	875.0	-16.6	-23.2	297.5	7.9	7.0	-3.6	266.4	268.3	0.7	57.5	1.3	113.
3.9	16.9	1375.1	850.0	-17.1	-26.0	289.2	8.2	7.7	-2.7	269.3	269.8	0.5	45.6	1.6	113.
4.6	19.2	1598.7	825.0	-18.2	-28.5	289.8	9.1	8.5	-3.1	270.7	270.7	0.4	39.8	2.0	112.
5.4	21.3	1827.9	800.0	-19.6	-27.4	293.8	10.7	9.8	-4.3	270.3	271.7	0.5	48.1	2.5	112.
6.1	23.5	2063.1	775.0	-21.1	-30.4	299.2	12.1	10.5	-6.0	271.1	272.3	0.4	43.0	3.0	113.
6.9	25.8	2304.3	750.0	-23.0	-27.7	303.2	13.4	11.2	-7.3	271.6	273.1	0.5	65.2	3.6	114.
7.7	28.1	2553.1	725.0	-22.5	-40.3	310.4	14.8	11.3	-9.6	274.8	275.2	0.2	17.9	4.3	116.
8.5	30.6	2810.8	700.0	-21.9	-40.7	318.3	16.7	11.1	-12.5	278.2	278.7	0.2	15.3	5.0	119.
9.4	33.2	3073.7	675.0	-21.4	-40.3	320.6	17.5	11.1	-13.5	281.7	282.2	0.2	16.2	6.0	122.
10.6	35.7	3357.2	650.0	-21.7	-39.5	318.3	19.1	12.7	-14.2	284.4	285.0	0.2	18.1	7.1	125.
11.6	38.2	3644.8	625.0	-23.6	-40.5	315.6	19.9	13.9	-14.2	285.4	286.0	0.2	19.3	8.2	127.
12.5	40.8	3947.1	600.0	-25.5	-38.8	312.2	21.1	15.6	-14.2	286.6	287.3	0.2	27.3	9.4	128.
13.5	43.6	4245.7	575.0	-27.5	-36.0	310.3	21.4	16.3	-13.4	287.8	288.8	0.3	43.9	10.6	128.
14.5	46.5	4541.7	550.0	-29.2	-37.4	308.5	20.8	16.3	-13.0	289.5	290.3	0.3	44.3	12.0	128.
15.7	49.5	4840.5	525.0	-31.7	-38.8	308.2	21.7	17.0	-13.4	290.3	291.1	0.2	49.1	13.5	128.
16.8	52.4	5142.8	500.0	-34.1	-39.0	305.8	21.4	17.3	-12.5	291.5	292.3	0.3	60.5	15.0	128.
18.1	55.4	5400.2	475.0	-36.8	-39.0	299.7	20.4	17.9	-10.2	292.5	293.3	0.3	79.6	16.4	128.
19.3	58.6	5672.4	450.0	-39.6	-41.7	298.2	18.9	16.7	-8.9	293.5	294.2	0.2	80.2	18.0	127.
20.7	62.1	5960.8	425.0	-42.6	-41.7	296.0	20.5	18.7	-9.1	294.5	295.9	0.9	99.9	19.4	126.
21.9	65.6	6267.4	400.0	-45.7	-45.7	297.3	21.9	19.4	-10.0	295.6	296.9	0.9	99.9	21.1	125.
23.4	69.2	6594.1	375.0	-47.8	-47.8	302.4	23.2	19.6	-12.5	298.3	299.9	0.9	99.9	23.0	125.
25.0	73.0	6942.3	350.0	-49.5	-49.5	305.2	19.3	15.6	-11.1	302.0	303.2	0.9	99.9	25.2	125.
26.4	77.0	7333.1	325.0	-53.3	-49.9	295.4	18.7	16.9	-8.0	303.2	304.9	0.9	99.9	27.0	125.
28.4	81.2	7641.6	300.0	-57.0	-49.9	289.8	22.5	21.2	-7.6	305.1	306.9	0.9	99.9	29.1	124.
30.5	85.7	7930.3	275.0	-57.9	-49.9	297.3	21.3	18.9	-6.8	311.5	313.5	0.9	99.9	31.6	122.
32.8	90.4	8244.9	250.0	-55.4	-49.9	303.7	21.7	18.2	-11.9	323.8	325.8	0.9	99.9	35.0	122.
35.5	95.7	8572.7	225.0	-51.9	-49.9	303.7	19.4	16.2	-10.6	334.0	336.0	0.9	99.9	38.1	123.
38.2	101.0	8937.9	200.0	-50.5	-49.9	300.9	24.9	21.3	-12.8	352.8	354.8	0.9	99.9	42.3	122.
41.3	107.0	9238.0	175.0	-51.6	-49.9	300.9	25.3	21.8	-13.0	364.7	366.7	0.9	99.9	46.7	122.
45.0	113.7	9509.0	150.0	-51.7	-49.9	297.6	23.1	20.4	-10.7	381.1	383.1	0.9	99.9	52.2	122.
49.5	121.0	9748.1	125.0	-52.7	-49.9	301.3	22.6	19.3	-11.7	399.6	401.6	0.9	99.9	57.9	121.
54.5	129.3	9971.0	100.0	-56.1	-49.9	291.7	22.7	21.1	-7.4	419.4	421.4	0.9	99.9	64.0	121.
61.0	138.0	10246.5	75.0	-55.7	-49.9	290.4	21.4	20.1	-7.5	456.1	458.1	0.9	99.9	72.2	120.
69.6	147.0	10690.5	50.0	-60.7	-49.9	294.9	22.2	20.1	-9.4	500.4	502.4	0.9	99.9	82.5	120.
81.0	156.0	11350.2	25.0	-62.6	-49.9	327.6	15.1	8.1	-12.8	604.8	606.8	0.9	99.9	96.6	120.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNCT	HEIGHT GPM	PRFS MU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	F PWT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.0	966.0	906.0	-10.0	-14.2	170.0	2.6	-0.5	2.6	270.7	273.5	1.0	51.0	0.0	0.
00.0	99.3	94.9	1000.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
00.0	99.9	975.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
00.0	99.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
00.0	99.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0.2	14.7	1024.9	900.0	-10.3	-20.0	94.9	94.9	94.9	94.9	271.0	273.4	0.9	44.7	94.9	94.9
0.8	10.6	1241.7	875.0	-11.3	-20.3	94.9	94.9	94.9	94.9	272.2	274.6	0.9	47.1	94.9	94.9
1.5	10.3	161.9	850.0	-11.7	-20.5	94.9	94.9	94.9	94.9	273.9	276.4	0.9	47.9	94.9	94.9
2.3	21.6	1691.0	825.0	-10.9	-24.3	94.9	94.9	94.9	94.9	277.2	278.6	0.5	26.7	94.9	94.9
3.0	20.1	1929.2	800.0	-11.6	-24.0	311.5	12.7	11.7	-10.4	278.8	280.2	0.5	24.1	1.4	145.
3.9	20.4	2172.0	775.0	-12.9	-30.6	307.0	16.7	13.7	-10.0	279.9	281.1	0.4	21.0	2.1	139.
4.6	23.1	2421.1	750.0	-14.7	-32.6	309.6	17.9	13.8	-11.4	280.6	281.6	0.3	20.1	2.9	135.
5.4	31.7	2677.2	725.0	-15.9	-30.2	315.0	19.6	13.9	-13.9	282.0	283.3	0.4	28.1	3.8	135.
6.1	34.4	2940.4	700.0	-17.6	-32.5	317.0	22.3	15.2	-16.1	283.0	284.1	0.4	25.7	4.9	135.
7.1	37.9	3212.6	675.0	-18.1	-25.7	318.7	24.5	16.3	-18.3	285.4	287.5	0.7	51.0	6.1	136.
8.0	42.4	3491.8	650.0	-19.4	-20.8	317.4	26.1	17.3	-19.6	287.2	290.4	1.1	88.5	7.4	136.
8.9	45.4	3785.2	625.0	-20.4	-25.6	317.4	28.1	18.9	-20.8	291.1	291.4	0.8	63.6	9.0	136.
9.7	48.4	4080.4	600.0	-21.4	-33.5	319.4	28.5	18.4	-21.8	291.4	292.6	0.4	33.0	10.6	137.
10.9	48.4	4400.4	575.0	-22.2	-36.7	322.1	27.8	17.0	-22.0	294.0	294.9	0.3	25.2	12.4	137.
11.9	51.3	4725.9	550.0	-24.2	-31.4	321.1	27.3	17.1	-21.2	295.4	297.0	0.5	51.0	14.0	138.
13.0	54.5	5061.4	525.0	-27.0	-32.1	318.4	27.7	18.2	-20.8	296.0	297.4	0.5	61.5	15.7	138.
14.0	57.5	5414.1	500.0	-26.7	-37.5	314.4	30.3	20.1	-22.7	298.1	299.1	0.3	41.4	17.5	138.
15.0	60.9	5779.5	475.0	-31.3	-37.8	317.4	29.7	19.6	-21.6	299.2	300.2	0.3	52.3	19.3	138.
16.1	64.3	6159.7	450.0	-34.9	-40.1	314.7	31.1	22.1	-21.9	299.4	300.2	0.3	58.6	21.2	138.
17.4	67.7	6539.8	425.0	-37.2	-41.8	310.0	31.3	24.0	-20.1	301.4	302.1	0.2	61.6	23.7	137.
18.6	71.1	6911.3	400.0	-40.2	-44.0	309.1	33.6	24.1	-21.2	302.7	303.9	94.9	94.9	25.9	137.
20.0	74.9	7280.0	375.0	-44.0	-49.9	309.2	35.6	27.6	-22.5	303.3	303.9	94.9	94.9	29.0	136.
21.4	78.4	7669.4	350.0	-47.5	-49.9	312.7	35.1	25.8	-23.8	304.7	304.9	94.9	94.9	32.0	136.
22.4	82.7	8064.9	325.0	-51.5	-49.9	313.6	39.3	24.5	-27.1	305.7	305.9	94.9	94.9	34.9	135.
24.1	86.7	8464.6	300.0	-55.7	-49.9	311.0	34.6	25.8	-23.0	306.8	306.9	94.9	94.9	38.1	135.
25.7	91.2	8819.0	275.0	-58.5	-49.9	312.9	41.4	30.3	-28.2	310.6	309.9	94.9	94.9	41.4	135.
27.5	94.0	9015.1	250.0	-58.1	-49.9	319.3	34.8	25.3	-29.4	319.8	319.9	94.9	94.9	43.6	135.
29.6	100.8	10084.3	225.0	-54.3	-49.9	314.4	37.1	24.2	-28.1	335.3	335.9	94.9	94.9	50.1	135.
31.7	106.3	11447.5	200.0	-51.7	-49.9	317.8	32.4	21.7	-24.0	347.8	347.9	94.9	94.9	54.7	136.
34.1	112.0	12305.9	175.0	-52.9	-49.9	315.1	27.4	19.3	-19.4	362.5	362.9	94.9	94.9	59.8	136.
37.0	113.3	13101.2	150.0	-54.3	-49.9	316.2	31.4	21.7	-22.7	376.5	376.9	94.9	94.9	61.7	135.
40.0	125.3	14464.0	125.0	-56.1	-49.9	308.9	28.8	22.4	-18.1	393.5	393.9	94.9	94.9	70.0	135.
44.5	133.0	15464.4	100.0	-57.2	-49.9	311.3	13.5	10.2	-16.9	417.2	417.9	94.9	94.9	77.0	135.
49.5	140.8	16691.3	75.0	-58.1	-49.9	316.0	22.8	15.8	-16.4	451.1	451.9	94.9	94.9	82.8	134.
54.5	149.1	20234.0	50.0	-62.7	-49.9	314.1	9.8	6.4	-7.4	495.8	495.9	94.9	94.9	88.8	135.
67.0	158.0	24514.6	25.0	-64.0	-49.9	94.9	94.9	94.9	94.9	504.9	504.9	94.9	94.9	94.9	94.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2015 GMT

188 36. 0

TIME MIN	CNTCT	WGT GPM	PRFS MM	TEMP DG C	DEW PT DG C	DIR NG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.1	180.0	901.6	2.2	-0.5	290.0	3.6	3.4	-1.2	276.3	285.8	3.7	82.0	0.0	0.
09.9	99.9	90.0	1000.0	09.9	09.9	290.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	7.4	332.3	925.0	0.6	-0.9	302.4	7.9	6.7	-4.3	276.2	285.6	3.7	89.9	0.2	129.
1.3	9.7	540.1	950.0	-1.4	-1.4	304.2	7.1	6.2	-3.5	276.0	285.1	3.5	98.1	0.5	125.
2.3	11.3	751.9	925.0	-3.5	-3.5	294.4	6.9	6.2	-2.9	276.2	284.5	3.2	100.8	0.9	121.
3.1	14.1	908.1	900.0	-5.0	-5.0	299.0	8.9	7.7	-4.4	276.7	286.4	2.9	100.6	1.3	120.
3.9	16.1	1113.3	850.0	-5.7	-5.7	300.6	9.9	8.5	-5.0	278.2	285.7	2.9	100.5	1.8	120.
4.9	18.4	1414.5	850.0	-6.6	-6.6	296.7	12.2	10.9	-5.5	279.5	285.8	2.7	100.4	2.4	120.
5.9	20.6	1642.6	825.0	-7.7	-7.7	294.7	13.8	12.5	-5.7	280.8	287.7	2.6	100.2	3.2	119.
6.9	22.8	1849.4	800.0	-8.5	-8.5	293.3	10.0	9.2	-3.9	282.3	289.1	2.5	100.1	3.9	118.
7.9	25.2	2114.0	775.0	-8.9	-8.9	290.4	13.2	13.0	-2.4	284.6	291.3	2.5	98.5	4.6	116.
8.9	27.3	2319.2	750.0	-9.0	-9.0	272.1	19.3	19.3	-0.7	287.0	291.8	1.7	66.3	5.8	112.
9.9	30.0	2651.2	725.0	-9.7	-9.7	271.1	21.2	21.2	-0.4	289.0	292.6	1.2	49.4	6.7	109.
10.9	32.6	2921.8	700.0	-11.0	-11.5	270.8	23.7	21.7	-0.3	290.4	293.3	1.0	41.7	8.0	106.
11.9	35.1	3199.9	675.0	-12.9	-12.5	271.1	26.1	26.1	-0.5	291.3	293.0	0.5	29.7	9.4	103.
13.0	37.0	3487.0	650.0	-14.5	-14.5	271.0	25.4	25.4	-0.4	292.6	293.7	0.3	17.8	11.2	101.
14.2	40.3	3782.7	625.0	-16.8	-16.8	272.4	26.0	26.0	-1.1	293.2	294.0	0.2	14.6	13.0	100.
15.4	42.9	4088.4	600.0	-18.3	-18.3	269.3	28.5	24.5	0.3	294.9	295.5	0.2	11.6	14.8	99.
16.6	45.9	4404.3	575.0	-19.3	-19.3	262.5	31.5	13.2	4.3	297.3	297.8	0.1	10.0	17.1	97.
17.6	48.8	4715.2	550.0	-20.8	-20.8	261.9	39.2	18.8	9.0	299.4	299.8	0.1	10.2	19.1	96.
18.9	51.5	5077.5	525.0	-22.9	-22.9	258.0	43.2	42.3	15.8	300.9	301.3	0.1	10.4	22.0	94.
20.2	54.7	5434.6	500.0	-23.7	-23.7	252.2	51.5	44.1	24.3	304.1	304.8	0.2	17.4	25.8	91.
21.7	57.3	5808.1	475.0	-25.2	-25.2	247.7	63.99	59.1	24.3	306.8	309.7	0.6	55.3	30.4	87.
23.1	61.0	6200.3	450.0	-26.5	-26.5	245.1	69.56	54.0	25.1	310.0	311.6	0.5	51.8	36.1	84.
24.5	64.6	6611.5	425.0	-28.9	-28.9	246.4	64.19	59.0	25.1	312.0	313.2	0.3	41.1	40.9	82.
26.1	68.3	7044.2	400.0	-30.5	-30.5	246.8	61.76	54.1	24.1	315.3	315.7	0.1	17.2	45.3	80.
27.6	71.6	7469.5	375.0	-34.4	-34.4	247.5	66.19	79.6	32.9	316.0	316.7	0.2	35.7	50.1	78.
29.4	75.5	7977.8	350.0	-38.6	-38.6	248.0	106.99	99.1	40.1	316.7	317.2	0.2	44.1	61.7	76.
31.1	79.7	8481.5	325.0	-43.5	-43.5	243.3	63.49	57.1	28.8	316.7	317.2	0.2	99.9	70.7	75.
33.0	83.9	9016.4	300.0	-46.0	-46.0	248.1	27.29	20.3	18.1	320.5	320.5	99.9	99.9	75.6	74.
35.3	88.2	9569.6	275.0	-50.6	-50.6	246.6	61.7	56.7	24.5	322.0	322.0	99.9	99.9	78.3	73.
37.4	93.3	10203.2	250.0	-55.7	-55.7	249.6	68.38	52.8	30.7	323.2	323.2	99.9	99.9	80.4	72.
39.6	98.5	10871.6	225.0	-55.0	-55.0	249.0	112.38	104.8	40.2	334.2	334.2	99.9	99.9	105.8	72.
42.2	104.0	11624.1	200.0	-54.3	-54.3	246.5	42.28	84.6	36.7	346.9	346.9	99.9	99.9	122.8	72.
45.1	110.5	12463.4	175.0	-55.5	-55.5	241.4	75.78	66.4	36.2	358.3	358.3	99.9	99.9	136.2	71.
48.4	117.3	13453.1	150.0	-58.8	-58.8	247.5	69.08	82.2	30.3	368.8	368.8	99.9	99.9	142.4	70.
52.6	125.3	14603.0	125.0	-54.6	-54.6	246.4	42.18	41.3	8.3	388.9	388.9	99.9	99.9	155.3	70.
56.9	134.0	16006.9	100.0	-54.8	-54.8	241.8	46.49	44.1	14.5	412.1	412.1	99.9	99.9	168.4	71.
63.8	143.3	17811.9	75.0	-57.6	-57.6	240.9	45.28	42.7	14.9	452.2	452.2	99.9	99.9	185.1	71.
71.4	153.7	20327.4	50.0	-63.7	-63.7	242.3	10.58	-27.0	-14.9	493.6	493.6	99.9	99.9	200.3	71.
99.9	99.9	99.9	25.0	69.9	69.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE 01: TIME HAVE BEEN INTERPOLATED  
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

7 February 1975

0000 GMT



STATION NO. 209  
CHARLESTON, SC6 FEBRUARY 1975  
2115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCNP M/SEC	POT T DG K	E PUT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	5.2	13.0	1007.5	14.0	11.9	200.0	3.1	1.1	2.9	287.7	310.1	6.7	87.0	0.0	0.
0.2	5.5	76.3	1000.0	13.9	12.5	210.4	6.3	3.6	5.1	288.2	311.7	9.1	91.3	0.1	24.
0.9	6.1	290.0	975.0	13.4	12.4	221.4	7.7	5.1	5.7	289.9	314.0	9.3	93.7	0.3	37.
1.7	10.4	509.0	950.0	12.4	10.7	231.7	6.9	5.4	4.3	290.9	313.1	8.5	89.3	0.6	41.
2.3	12.7	732.5	925.0	11.1	7.4	248.0	9.6	6.9	3.6	291.6	310.1	7.0	78.1	2.9	47.
3.1	15.2	961.2	900.0	10.3	7.6	258.9	13.1	12.9	2.5	292.8	306.8	5.2	59.3	1.4	57.
3.8	17.4	1195.0	875.0	9.0	-9.4	265.3	13.6	13.7	1.1	293.4	299.7	2.2	27.0	2.0	66.
4.6	20.3	1413.9	850.0	7.0	-17.0	267.1	14.5	14.5	0.7	293.6	297.2	1.2	16.1	2.6	70.
5.5	22.4	1679.3	825.0	7.3	-12.2	259.8	16.2	17.6	4.4	297.2	303.5	2.2	31.4	4.3	72.
6.2	24.1	1931.5	800.0	5.4	-10.7	253.9	18.2	18.5	3.7	297.6	302.6	1.7	27.4	5.4	76.
7.2	27.2	2149.0	775.0	3.3	-13.7	258.7	18.8	18.3	3.0	297.7	301.5	2.0	36.2	6.3	75.
8.0	30.4	2454.6	750.0	0.9	-12.5	260.8	14.6	18.3	4.1	298.1	304.9	2.3	48.8	7.2	76.
8.9	33.3	2725.4	725.0	-1.5	-10.4	258.4	20.6	20.2	7.4	300.3	304.3	3.1	68.4	8.5	76.
9.5	36.3	3044.2	700.0	-2.4	-7.4	256.3	27.4	26.4	11.4	302.5	314.2	4.1	92.0	10.4	76.
10.6	39.0	3343.2	675.0	-3.3	-4.4	250.6	34.3	32.4	14.4	305.0	309.0	1.3	29.5	12.4	76.
11.7	41.8	3571.6	650.0	-3.7	-18.7	247.1	37.2	34.2	15.4	308.7	309.9	1.0	23.7	14.5	73.
12.6	44.3	3800.5	625.0	-5.1	-22.6	245.0	36.9	33.4	15.6	308.6	312.8	1.3	34.2	16.8	72.
13.7	46.0	4220.5	600.0	-6.6	-19.7	243.6	19.7	35.6	17.7	308.6	312.8	1.3	11.1	19.2	71.
14.7	48.3	4551.2	575.0	-8.0	-33.3	243.4	40.6	35.4	18.2	310.7	312.1	0.4	14.9	21.8	70.
15.8	50.3	4875.0	550.0	-10.5	-32.2	241.4	40.5	35.5	19.4	311.6	313.1	0.5	19.0	24.7	69.
16.9	52.4	5250.7	525.0	-13.7	-32.2	240.4	42.2	34.7	20.8	312.0	313.6	0.5	24.4	26.9	68.
17.9	54.6	5617.7	500.0	-16.3	-31.9	240.4	40.9	35.6	20.2	313.2	315.0	0.4	20.4	30.3	67.
19.2	57.1	6004.1	475.0	-18.6	-35.7	239.5	47.8	41.1	22.3	315.0	316.3	0.3	19.0	33.7	66.
20.3	59.0	6405.0	450.0	-21.0	-38.4	242.4	48.3	42.8	14.2	316.6	318.7	0.3	25.2	37.7	66.
21.6	71.7	6824.4	425.0	-24.5	-18.7	245.4	44.98	42.6	23.7	318.8	320.1	0.1	7.0	43.2	66.
23.5	75.7	7263.4	400.0	-27.0	-53.1	245.1	56.38	51.1	27.9	321.2	321.3	0.0	3.1	48.6	66.
25.1	79.3	7725.4	375.0	-30.5	-61.3	244.1	52.38	47.1	26.5	322.7	322.7	0.0	1.0	54.3	66.
26.6	84.3	8213.0	350.0	-34.1	-71.7	243.5	54.58	53.2	23.6	323.6	323.9	0.0	1.0	59.2	66.
28.2	88.3	8727.5	325.0	-38.3	-74.7	241.4	52.5	47.2	21.2	323.9	323.9	0.0	99.9	64.4	65.
30.0	92.8	9272.1	300.0	-43.6	99.9	249.5	50.88	46.1	21.2	323.9	323.9	99.9	99.9	70.6	65.
32.2	97.4	9854.1	275.0	-46.9	99.9	237.6	55.38	55.0	35.2	327.3	327.3	99.9	99.9	77.7	64.
34.0	103.2	10479.0	250.0	-52.6	99.9	210.4	57.58	53.4	36.3	327.3	327.3	99.9	99.9	86.5	63.
35.6	108.9	11143.4	225.0	-59.4	99.9	228.4	59.88	54.8	39.7	327.3	327.3	99.9	99.9	93.8	61.
39.0	114.5	11876.4	200.0	-64.2	99.9	278.4	48.98	55.8	32.2	331.1	329.9	99.9	99.9	110.5	61.
42.3	121.0	12637.4	175.0	-59.5	99.9	248.4	70.388	63.5	25.4	351.7	329.9	99.9	99.9	121.8	63.
45.4	128.0	13600.3	150.0	-59.5	99.9	251.4	76.588	71.5	26.5	367.5	329.9	99.9	99.9	137.7	64.
50.2	135.8	14730.6	125.0	-62.2	99.9	251.8	58.188	55.2	18.2	382.4	329.9	99.9	99.9	155.8	64.
55.7	143.3	16100.7	100.0	-65.8	99.9	246.1	33.388	70.4	13.5	400.6	329.9	99.9	99.9	99.9	99.9
61.6	151.3	17903.9	75.0	-66.4	99.9	99.9	99.9	99.9	99.9	433.6	329.9	99.9	99.9	99.9	99.9
94.0	94.9	49.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	49.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 211  
TAMPA, FLA  
6 FEBRUARY 1975  
2315 GMT

TIME MIN	CATY	HEIGHT GPM	WPTS M3	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RN PCT	RANGE KM	AZ DG
0.0	5.2	111.3	1012.1	14.0	17.5	140.0	4.1	1.4	-3.9	241.8	324.1	12.6	97.0	0.0	0.
0.3	6.0	111.3	1030.0	14.0	17.7	221.7	9.8	6.5	7.3	242.9	326.0	12.9	98.3	0.4	157.
1.0	6.1	124.0	975.0	17.1	17.2	246.4	7.9	7.3	3.2	248.3	327.6	12.8	99.5	0.4	108.
1.4	10.1	91.5	910.0	17.1	17.0	262.4	7.7	7.6	1.0	248.3	330.2	13.0	99.5	0.6	102.
2.2	12.1	774.4	925.0	16.1	16.0	250.4	9.9	9.6	2.5	248.3	330.3	12.5	99.3	0.9	92.
2.9	12.3	1211.2	900.0	14.6	14.6	250.4	11.7	11.0	3.9	248.3	329.4	11.8	99.3	1.3	87.
3.7	16.3	1211.3	875.0	12.5	11.9	243.6	11.8	10.5	5.2	249.1	325.1	10.1	96.4	1.9	40.
4.6	14.3	1244.4	850.0	11.1	6.6	210.1	12.1	9.2	7.7	248.8	319.4	7.2	73.4	2.7	74.
5.9	22.7	1244.4	825.0	10.3	5.6	222.6	12.7	9.6	9.4	300.4	319.5	6.8	72.2	3.4	67.
7.1	22.9	1244.4	800.0	4.5	4.8	221.0	13.5	9.8	10.2	301.1	319.8	6.0	77.2	3.4	62.
8.1	22.2	1244.4	775.0	7.1	7.8	222.1	15.4	10.1	11.4	302.3	319.2	6.1	74.1	5.1	58.
9.2	27.5	1244.4	750.0	5.8	2.7	224.4	16.2	12.3	10.5	303.7	321.1	6.2	80.3	6.1	56.
10.3	29.9	1244.4	725.0	3.8	2.5	242.2	14.1	16.0	6.4	303.4	322.3	6.4	91.4	7.2	56.
11.4	37.4	1244.4	700.0	1.5	1.1	247.9	17.4	16.5	6.7	303.9	321.7	6.0	97.5	6.4	57.
12.5	35.0	1244.4	675.0	-0.2	-0.6	244.0	18.3	17.6	5.1	308.1	321.7	5.5	97.3	9.6	59.
17.6	37.4	1244.4	650.0	-1.4	-1.8	260.0	21.6	21.2	3.7	308.0	322.9	5.2	97.1	10.8	61.
18.6	40.1	1244.4	625.0	-2.9	-4.0	264.5	24.5	24.2	2.3	309.7	322.5	4.4	88.0	12.0	63.
19.7	42.7	1244.4	600.0	-4.9	-6.7	265.1	26.4	26.3	2.3	310.8	320.8	3.3	75.1	13.7	66.
19.9	45.9	1244.4	575.0	-6.7	-8.7	261.7	27.7	27.5	4.0	312.5	322.6	3.3	83.1	15.5	68.
14.0	48.3	1244.4	550.0	-8.8	-11.7	267.0	28.6	28.6	1.5	318.0	322.7	2.8	79.8	17.3	70.
19.0	51.1	1244.4	525.0	-11.6	-14.4	277.1	29.2	29.0	-3.6	318.7	321.9	2.3	77.2	18.9	72.
20.5	54.1	1244.4	500.0	-14.2	-16.7	242.4	26.1	25.5	-5.8	315.9	322.4	2.1	81.9	21.2	75.
22.4	57.3	1244.4	475.0	-16.1	-18.7	249.4	24.8	24.8	0.1	318.2	324.1	1.8	80.3	24.2	78.
24.0	60.3	1244.4	450.0	-18.3	-21.1	261.2	32.7	32.3	5.0	320.3	325.5	1.6	78.9	27.1	79.
25.3	63.0	1244.4	425.0	-21.0	-24.1	257.9	27.2	26.8	5.7	322.2	326.4	1.3	76.2	29.7	79.
26.7	66.7	1244.4	400.0	-21.6	-27.1	251.1	24.3	21.0	7.9	324.4	327.9	1.0	72.7	31.7	79.
28.3	70.3	1244.4	375.0	-27.0	-30.8	247.2	22.0	20.1	8.5	325.8	328.5	0.8	69.9	33.9	78.
29.7	73.9	1244.4	350.0	-31.1	-35.3	241.8	17.4	15.4	6.2	328.8	328.7	0.5	65.6	35.5	77.
31.6	74.0	1244.4	325.0	-35.3	-40.8	242.1	23.0	20.3	10.7	329.0	329.2	0.3	56.6	37.4	76.
33.0	81.4	1244.4	300.0	-40.2	94.4	241.8	24.6	25.2	13.5	324.7	329.4	0.4	99.9	39.9	76.
35.5	86.2	10019.2	275.0	-46.1	90.9	242.6	35.2	31.3	16.2	328.4	329.4	0.4	99.9	44.3	74.
37.4	90.4	10641.4	250.0	-52.2	99.9	242.7	35.0	31.1	16.1	328.5	329.4	0.4	99.9	48.2	73.
40.4	95.4	11317.5	225.0	-56.9	99.9	237.3	51.4	43.2	27.8	331.3	329.4	0.4	99.9	56.2	71.
43.2	101.3	12041.0	200.0	-54.0	99.9	236.3	51.4	42.4	28.5	340.9	329.4	0.4	99.9	63.4	69.
46.3	107.3	12338.4	175.0	-57.7	99.9	240.2	59.7	55.8	21.2	350.6	329.4	0.4	99.9	72.7	68.
49.7	113.3	13457.3	150.0	-64.3	99.9	246.4	57.5	52.8	22.8	359.3	329.4	0.4	99.9	83.3	68.
53.6	121.3	14372.0	125.0	-67.5	99.9	246.4	99.9	99.9	99.9	372.8	329.4	0.4	99.9	99.9	99.9.
59.9	92.3	64.4	100.0	94.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
64.4	99.4	64.4	75.0	94.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
69.9	99.9	69.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.
74.9	99.9	69.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21J  
WAYCROSS, GA6 FEBRUARY 1975  
2315 GMT

TIME MIN	CHCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RFD GM/KG	RH PCY	RANGE KM	AZ DG
0.0	4.4	44.0	1004.1	16.4	14.1	240.0	1.5	1.5	-0.3	290.5	315.6	10.1	86.0	0.0	0.
0.2	4.8	80.0	1000.7	16.2	13.7	287.8	4.8	4.5	-1.5	290.6	316.3	10.0	85.5	0.1	72.
0.9	6.7	200.7	975.0	15.0	11.4	285.0	9.7	6.4	-2.1	291.5	314.9	9.0	80.9	0.3	107.
1.6	8.4	415.0	953.0	13.2	8.1	287.1	8.0	7.6	-2.4	291.5	313.7	7.2	72.0	0.7	107.
2.5	10.4	712.0	923.0	11.2	7.0	277.1	7.2	7.2	-0.9	291.7	309.8	6.8	75.3	1.1	106.
3.3	12.3	907.9	900.0	9.4	4.6	287.6	8.9	8.7	-2.1	292.0	307.9	6.0	72.1	1.4	104.
4.1	15.1	1231.2	875.0	7.4	-0.4	289.3	12.8	12.1	-4.2	292.6	303.9	4.1	54.1	2.0	105.
4.9	17.1	1440.7	850.0	5.4	-7.5	279.5	14.6	14.4	-2.4	295.8	303.1	2.6	30.3	2.7	105.
5.7	19.5	1607.0	825.0	7.1	-8.5	273.4	15.0	15.0	-0.9	296.4	303.5	2.4	32.0	3.4	103.
6.6	21.4	1973.1	800.0	5.1	-8.2	269.6	14.5	14.5	0.1	296.9	304.3	2.6	37.6	4.2	101.
7.6	24.1	2147.1	775.0	3.0	-7.8	260.1	14.9	14.8	1.3	297.4	305.3	2.8	44.9	5.2	98.
8.5	26.3	2412.1	750.0	0.4	-8.1	263.1	21.7	21.5	2.6	297.9	305.9	2.8	50.6	6.3	96.
9.4	28.3	2734.3	725.0	-0.1	-2.7	256.4	26.8	26.0	6.3	299.8	311.9	4.3	82.0	7.6	93.
10.4	31.5	3015.4	700.0	-0.4	-0.7	252.4	31.5	30.0	9.5	307.7	317.5	5.2	97.8	9.4	89.
11.4	34.2	3378.4	675.0	-2.2	-2.5	248.2	33.7	31.3	12.5	303.7	317.2	4.7	98.0	11.3	86.
12.6	36.7	3604.0	650.0	-3.7	-4.1	246.4	34.1	31.2	13.6	305.3	317.9	4.4	97.5	13.3	83.
13.7	39.5	3815.5	625.0	-5.9	-8.5	247.0	34.7	31.9	13.5	306.0	315.7	3.3	83.2	15.5	81.
14.8	42.1	4214.2	600.0	-6.9	-28.5	250.1	34.0	33.9	12.2	308.1	310.1	0.6	18.0	17.7	79.
15.9	45.1	4514.1	575.0	-9.3	-20.7	250.2	34.3	34.2	12.3	304.2	311.2	0.6	18.7	20.3	78.
17.1	48.5	4807.5	550.0	-11.1	-30.7	250.2	41.5	39.0	14.0	310.7	312.4	0.5	18.3	23.4	77.
18.5	51.1	5207.2	525.0	-13.9	-35.8	250.0	42.8	40.2	14.6	311.7	312.9	0.3	13.7	26.3	76.
19.5	54.5	5417.7	500.0	-15.3	-42.0	249.3	45.6	42.6	16.1	314.4	315.0	0.2	8.0	29.8	75.
21.1	57.7	5714.2	475.0	-17.2	-45.9	250.4	45.0	42.4	15.1	318.8	317.1	0.1	6.2	33.4	75.
22.4	61.3	6021.1	450.0	-20.5	-44.7	251.1	47.8	45.2	15.5	317.4	317.0	0.1	7.6	36.8	74.
24.0	65.0	6411.4	425.0	-23.3	-64.4	247.4	45.2	41.9	16.9	319.1	319.2	0.0	1.0	41.5	74.
25.5	69.0	7243.4	400.0	-25.4	-60.4	247.4	44.9	41.6	17.0	321.4	321.4	0.0	1.0	45.6	73.
27.3	72.1	7742.1	375.0	-24.4	-68.6	248.1	44.7	46.1	18.6	322.6	322.7	0.0	1.0	50.7	73.
29.3	76.7	8105.5	350.0	-31.6	-71.5	249.7	47.0	44.1	16.3	323.4	323.4	0.0	1.0	54.4	72.
31.2	81.3	8750.0	325.0	-19.0	-74.4	245.5	49.1	44.7	20.3	324.3	324.3	0.0	1.0	61.7	71.
32.9	85.5	9247.4	300.0	-42.1	99.9	234.5	47.2	38.4	27.3	326.0	999.9	99.9	99.9	67.2	71.
34.3	90.4	9840.0	275.0	-47.2	99.9	225.1	41.4	30.8	30.5	326.9	999.9	99.9	99.9	71.2	70.
36.9	95.0	10503.1	250.0	-52.2	99.9	227.1	51.7	39.3	36.5	328.5	999.9	99.9	99.9	76.4	68.
39.5	101.3	11176.0	225.0	-58.2	99.9	222.4	45.7	30.8	33.7	329.4	999.9	99.9	99.9	80.7	66.
42.3	107.1	11938.5	200.0	-63.4	99.9	211.4	78.7	61.5	49.1	332.3	999.9	99.9	99.9	93.8	64.
45.0	113.9	12727.7	175.0	-62.2	99.9	200.1	67.3	56.3	33.5	347.3	999.9	99.9	99.9	104.8	63.
48.8	121.0	13411.5	150.0	-63.0	99.9	250.4	74.1	74.1	25.0	361.6	999.9	99.9	99.9	121.6	63.
53.7	129.3	14749.1	125.0	-65.3	99.9	249.7	93.7	88.0	32.2	376.8	999.9	99.9	99.9	140.8	64.
59.2	137.3	16157.6	100.0	-66.3	99.9	247.6	93.6	93.3	21.9	399.6	999.9	99.9	99.9	161.2	63.
65.8	145.7	17683.3	75.0	-69.5	99.9	256.1	30.0	28.9	8.1	427.2	999.9	99.9	99.9	174.1	65.
75.4	154.7	20117.6	50.0	-67.4	99.9	255.9	25.9	25.9	11.4	484.7	999.9	99.9	99.9	188.7	66.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

00 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 00 MV TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	WALS MM	TEMP DEG C	DLW PT DEG C	DIR DEG	SPLD M/SEC	U COMP M/SEC	V COMP M/SEC	POF T DEG K	E POF T DEG K	WZ RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	3.3	11.0	1011.4	16.7	11.0	250.0	7.1	2.0	0.7	290.0	311.3	8.2	69.0	0.0	0.
0.4	4.4	127.7	1000.0	16.2	10.2	273.5	6.3	6.3	-0.4	240.4	311.0	7.9	67.5	0.1	79.
1.1	6.4	32.2.7	975.0	16.6	8.7	262.6	6.6	6.4	-1.4	290.8	309.9	7.3	67.5	0.3	91.
2.1	9.2	567.2	930.0	13.6	7.9	315.8	7.0	5.0	-5.0	292.0	310.6	7.1	68.1	0.7	104.
2.3	11.3	76.7.7	925.0	12.6	6.3	322.5	9.2	5.6	-7.3	293.1	310.4	6.9	65.4	1.1	118.
3.4	13.6	966.3	900.0	10.8	4.6	317.8	11.2	7.5	-8.3	293.4	309.4	8.9	65.6	1.6	126.
4.6	15.4	1270.9	875.0	9.9	-0.4	298.2	11.5	10.1	-5.4	294.6	306.4	4.3	48.8	2.1	127.
5.4	16.3	1471.5	850.0	4.6	-11.8	271.7	11.9	11.9	-0.3	296.5	301.8	1.8	20.6	2.7	122.
6.4	22.7	1714.6	825.0	4.0	-1.0	257.5	14.0	13.6	3.0	297.6	309.7	4.3	53.3	3.3	116.
7.3	23.1	1971.9	800.0	6.7	-3.0	259.7	14.0	15.6	3.1	298.8	309.4	3.8	49.7	4.6	107.
8.3	25.0	2125.3	775.0	5.5	-2.4	260.4	20.0	19.8	3.2	300.2	312.8	4.1	56.6	4.9	102.
9.2	26.7	2614.3	750.0	3.6	2.3	254.7	21.9	23.0	6.3	301.3	318.1	6.0	98.8	6.0	98.
10.3	30.4	2775.1	725.0	2.6	2.6	247.8	25.8	23.9	9.8	301.1	320.9	6.4	99.9	7.5	92.
11.3	33.7	3054.5	700.0	5.7	0.4	248.2	27.0	24.3	11.7	304.0	319.9	5.4	97.4	9.8	87.
12.1	36.1	3351.1	675.0	0.2	-1.4	241.9	28.9	25.5	13.6	306.5	321.3	5.1	89.2	10.7	83.
13.4	39.2	3652.6	650.0	-2.5	-3.9	242.7	28.4	25.3	13.1	306.7	319.5	4.4	90.4	12.6	80.
14.6	41.9	3867.7	625.0	-4.7	-6.8	245.7	30.9	28.2	12.7	307.5	318.3	3.7	85.7	14.6	78.
15.9	45.0	4141.4	600.0	-1.4	-19.2	242.6	31.6	29.2	12.0	308.7	313.0	1.4	35.6	16.8	76.
17.0	48.1	4414.9	575.0	-7.7	-18.7	242.2	36.5	33.7	14.1	311.1	316.0	1.5	41.3	19.1	75.
18.2	51.1	4714.2	550.0	-9.8	-27.3	246.0	37.5	34.8	14.0	312.8	315.2	0.7	21.9	21.8	74.
19.7	54.6	5017.7	525.0	-10.9	-32.5	245.5	37.3	34.2	14.9	315.4	317.0	0.5	14.7	24.9	73.
21.1	57.9	5441.1	500.0	-12.9	-36.6	242.7	37.4	33.4	17.3	317.4	318.5	0.3	11.6	28.1	72.
22.4	61.1	5850.7	475.0	-14.1	-39.7	243.1	41.4	37.6	17.4	319.3	320.3	0.3	11.4	31.4	71.
23.4	64.7	6467.5	450.0	-17.6	-40.5	243.7	41.6	37.4	18.1	321.1	321.9	0.2	11.4	34.9	71.
25.5	68.1	6912.4	425.0	-20.8	-42.7	241.1	35.29	30.8	17.0	322.3	323.1	0.2	11.9	38.5	70.
27.1	72.0	7357.6	400.0	-24.7	-45.5	245.2	42.18	38.4	17.7	322.8	323.4	0.2	12.4	42.2	69.
29.4	76.2	7877.9	375.0	-28.8	-48.4	248.1	37.08	28.7	14.0	323.4	323.9	0.1	12.9	46.9	69.
30.8	80.3	8312.9	350.0	-31.0	-51.6	241.4	35.08	31.1	16.1	324.1	324.5	0.1	13.5	49.7	69.
32.9	84.6	8724.8	325.0	-37.0	-54.6	241.4	36.28	31.7	17.3	325.4	325.8	0.1	14.0	53.6	68.
35.3	89.3	9177.1	300.0	-41.4	99.9	242.4	34.08	34.6	18.1	326.7	326.9	99.9	99.9	59.1	67.
37.4	94.8	9651.8	275.0	-48.2	99.9	228.2	31.76	23.7	21.1	328.4	328.4	99.9	99.9	63.6	67.
40.1	99.0	10467.0	250.0	-51.9	99.9	226.4	51.08	37.0	35.2	328.9	328.9	99.9	99.9	70.7	65.
42.8	104.4	11261.3	225.0	-57.5	99.9	225.3	47.08	23.7	34.7	330.4	329.4	99.9	99.9	76.6	63.
45.7	110.9	11945.8	200.0	-63.7	99.9	224.1	51.08	36.1	36.0	332.0	329.9	99.9	99.9	85.7	61.
49.0	116.8	12624.9	175.0	-69.5	99.9	227.6	68.68	47.5	43.4	331.7	329.9	99.9	99.9	97.4	59.
52.4	124.0	13792.7	150.0	-67.8	99.9	231.2	35.08	27.3	21.9	331.9	329.9	99.9	99.9	106.2	58.
57.4	131.7	14945.3	125.0	-64.3	99.9	238.1	30.68	26.0	16.2	334.9	329.9	99.9	99.9	114.3	58.
62.4	139.7	16235.1	100.0	-64.5	99.9	253.3	28.18	27.2	7.1	332.6	329.9	99.9	99.9	123.7	59.
69.8	148.0	17959.0	75.0	-67.4	99.9	261.1	28.08	25.4	14.0	431.6	329.9	99.9	99.9	137.6	60.
79.7	157.3	20044.0	50.0	-65.8	99.9	245.3	32.76	29.7	13.7	489.0	329.9	99.9	99.9	154.8	60.
99.9	99.3	60.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 276  
CENTREVILLE, ALA6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HFIGHT GFA	PRFS %	TEMP DC C	DEW PT DC C	DIR NG	SPEED M/SFC	U CIMP M/SFC	V CIMP M/SFC	POT T NG K	E POT T DC K	ME RTD CM/KG	RM PCT	RANGE KM	AZ DC
00	6.3	140.0	1000.4	2.8	-2.1	290.3	5.1	4.8	-1.7	276.3	284.8	3.3	70.0	0.0	0.
06	6.0	141.2	1000.0	2.7	-2.2	289.3	5.2	4.9	-1.7	276.3	284.7	3.3	69.8	0.0	3.
08	8.1	140.4	975.0	-0.3	-4.5	284.3	9.0	8.7	-2.2	275.9	282.5	2.8	73.1	0.3	90.
10	10.2	135.0	950.0	-1.6	-5.0	321.1	13.1	6.3	-10.2	275.9	283.2	2.8	77.7	0.8	105.
12	12.7	140.1	925.0	-3.4	-4.1	326.1	11.7	6.5	-9.7	276.2	284.2	3.1	95.0	1.3	120.
14	14.4	142.4	900.0	-5.2	-5.2	319.8	11.6	7.5	-8.4	276.5	284.1	2.9	103.3	1.8	130.
16	16.4	120.3	875.0	-7.0	-7.0	322.6	9.7	5.9	-7.7	276.8	283.6	2.8	104.0	2.3	133.
18	18.6	140.6	850.0	-6.5	-6.5	315.6	13.2	9.2	-9.4	279.7	287.0	2.8	104.1	2.9	136.
20	20.8	141.5	825.0	-5.7	-19.6	307.8	13.7	11.5	-7.4	282.7	285.8	1.1	36.0	3.5	133.
22	23.1	140.7	800.0	-5.4	-25.7	301.8	13.8	13.5	-8.4	285.5	287.2	0.6	18.4	4.3	131.
24	25.4	215.2	775.0	-6.9	-25.1	292.3	17.0	15.7	-6.6	288.6	290.5	0.6	18.4	5.1	129.
26	27.3	241.7	750.0	-4.8	-29.2	286.2	17.8	17.1	-5.0	291.4	292.8	0.5	12.7	5.9	126.
28	29.1	267.9	725.0	-5.8	-29.9	282.3	19.5	19.0	-4.1	293.2	294.6	0.4	12.8	6.8	123.
30	32.6	245.1	700.0	-7.5	-31.2	277.2	20.9	20.8	-2.6	294.2	295.4	0.4	12.9	7.9	120.
32	34.2	323.1	675.0	-4.5	-32.7	272.3	20.0	20.0	-1.0	295.0	296.2	0.4	13.1	9.0	117.
34	37.6	152.0	650.0	-11.6	-36.7	272.9	19.8	19.8	-1.0	295.8	296.8	0.4	13.2	10.1	114.
36	40.2	142.9	625.0	-13.4	-35.6	269.7	24.2	24.2	0.0	297.1	298.0	0.3	13.4	11.3	111.
38	42.6	413.3	600.0	-13.9	-35.8	267.1	13.5	12.4	1.6	300.2	301.2	0.3	13.4	13.0	108.
40	45.8	442.1	575.0	-15.1	-35.0	261.4	41.8	41.4	6.0	302.3	303.4	0.3	16.2	15.3	105.
42	48.2	473.1	550.0	-16.5	-35.7	255.4	40.1	46.6	11.8	304.6	307.3	0.9	31.8	18.2	100.
44	50.3	514.4	525.0	-17.6	-30.3	253.3	51.2	49.0	16.7	307.4	309.3	0.6	31.8	21.6	96.
46	51.3	550.1	500.0	-14.0	-30.7	258.5	57.2	56.0	11.3	311.1	313.1	0.6	31.6	25.5	93.
48	56.3	344.0	475.0	-20.5	-30.4	256.6	55.79	56.1	12.3	312.6	314.7	0.6	40.5	29.9	91.
50	60.3	428.4	450.0	-22.4	-36.0	253.4	50.98	56.5	16.8	315.1	316.4	0.4	27.7	34.2	89.
52	63.3	670.1	425.0	-22.4	-39.1	254.2	66.58	64.0	18.1	316.4	317.4	0.3	26.3	38.7	87.
54	66.4	714.1	400.0	-25.0	-43.3	253.0	65.46	62.9	19.2	317.2	317.9	0.2	23.6	44.1	85.
56	70.0	740.1	375.0	-32.7	-45.4	250.7	65.56	61.8	21.6	318.3	318.9	0.2	26.5	50.5	83.
58	73.3	408.1	350.0	-36.8	-47.2	250.5	63.38	59.6	21.1	319.0	319.6	0.1	32.9	56.4	82.
60	77.2	453.7	325.0	-41.4	94.3	251.4	61.44	64.0	21.7	319.6	319.9	99.9	99.9	64.2	81.
62	81.1	412.9	300.0	-45.3	94.3	251.4	74.9	77.2	25.9	321.3	321.9	99.9	99.9	71.4	80.
64	85.1	470.0	275.0	-50.2	97.3	99.3	74.9	74.9	49.9	322.5	322.5	99.9	99.9	99.9	99.9
66	89.1	1031.4	250.0	-55.3	94.4	99.3	99.9	99.9	99.9	323.8	323.8	99.9	99.9	99.9	99.9
68	94.2	1447.1	225.0	-56.7	94.9	99.3	99.9	99.9	99.9	331.6	331.6	99.9	99.9	99.9	99.9
70	99.2	11730.9	200.0	-58.5	94.9	99.3	99.9	99.9	99.9	333.4	333.4	99.9	99.9	99.9	99.9
72	104.5	12575.1	175.0	-54.4	94.9	99.9	99.9	99.9	99.9	351.9	351.9	99.9	99.9	99.9	99.9
74	110.5	13533.4	150.0	-61.3	94.3	99.3	99.9	99.9	99.9	364.5	364.5	99.9	99.9	99.9	99.9
76	117.0	14667.0	125.0	-61.9	99.3	99.3	99.9	99.9	99.9	383.0	383.0	99.9	99.9	99.9	99.9
78	125.0	16311.6	100.0	-62.2	99.9	99.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	99.9	99.9
80	133.5	17774.4	75.0	-63.1	94.9	94.9	99.9	99.9	99.9	400.7	400.7	99.9	99.9	99.9	99.9
82	142.3	20272.1	50.0	-64.2	99.9	99.3	99.9	99.9	99.9	422.3	422.3	99.9	99.9	99.9	99.9
84	152.0	24517.8	25.0	-61.5	99.9	99.3	99.9	99.9	99.9	407.9	407.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
DUPLICATE

STATION NO. 232  
NORTHVILLE, LA

6 FEBRUARY 1975  
2315 GMT

122 131. 0

TIME MIN	CNCT	HEIGHT GPM	WINDS MPH	TEMP DG C	DEW PT DG C	DIN DG	SOFT M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	1.0	1010.4	13.1	7.1	340.0	7.7	2.6	-7.2	285.7	302.0	6.3	67.0	0.0	0.
0.5	6.3	1.7	1000.0	12.2	5.3	335.0	12.8	5.4	-11.6	286.1	300.7	5.6	62.6	0.5	152.
1.2	8.4	3.4	975.0	10.1	4.5	325.0	12.0	5.0	-11.0	286.1	300.3	5.4	67.7	1.0	153.
1.9	11.1	5.6	950.0	7.7	4.0	336.1	12.4	5.0	-11.3	285.7	299.8	5.4	77.5	1.5	155.
2.6	13.3	7.8	925.0	5.7	3.2	336.0	10.9	4.4	-9.9	285.8	299.6	5.2	86.2	2.0	155.
3.4	15.4	10.0	900.0	5.2	0.5	323.2	10.2	6.1	-8.2	287.5	299.3	4.4	71.8	2.5	155.
4.1	18.2	12.9	875.0	7.1	-1.0	296.6	14.1	12.0	-6.3	291.7	302.8	4.1	56.2	2.9	151.
4.8	20.6	14.7	850.0	6.7	0.5	295.6	14.8	16.9	-8.1	293.7	303.5	4.7	64.6	3.5	144.
5.4	23.1	17.2	825.0	5.3	-4.4	296.5	20.0	17.9	-8.9	294.6	304.0	3.4	49.8	4.2	139.
6.3	25.3	19.7	800.0	3.5	-7.2	289.3	20.1	18.9	-8.6	295.4	306.7	4.1	68.6	5.1	134.
7.1	28.0	22.3	775.0	3.5	-4.7	276.9	21.4	21.7	-2.6	298.0	307.8	3.5	55.1	6.1	129.
8.1	30.7	24.9	750.0	2.9	-4.6	264.0	24.3	24.2	2.5	300.2	310.5	3.6	57.5	7.1	122.
9.0	33.4	27.1	725.0	3.2	-11.2	261.8	27.3	27.0	3.9	303.2	309.9	2.2	33.8	8.2	116.
9.7	36.0	30.5	700.0	2.1	-9.6	261.4	29.7	29.4	4.5	305.2	313.0	2.6	41.6	9.6	110.
10.9	38.7	33.9	675.0	0.5	-13.0	259.0	31.3	30.0	6.5	306.5	312.8	2.1	35.4	11.2	106.
11.8	41.5	36.9	650.0	-1.8	-12.7	258.9	32.8	32.7	6.3	307.2	313.9	2.2	43.4	12.8	102.
12.8	44.3	39.7	625.0	-4.2	-12.8	264.5	35.7	35.5	3.4	308.0	315.9	2.3	50.9	14.8	99.
14.0	47.5	42.2	600.0	-5.0	-14.6	261.7	35.4	35.0	5.1	310.6	318.9	2.0	46.7	17.2	97.
15.1	50.5	45.1	575.0	-6.7	-19.2	256.0	34.9	33.8	8.4	312.3	316.9	1.4	35.2	19.5	95.
16.3	53.5	48.1	550.0	-9.7	-21.9	256.2	35.8	34.8	8.6	313.3	317.2	1.2	34.5	21.7	93.
17.6	56.5	51.4	525.0	-11.3	-24.7	256.8	34.9	34.0	8.0	315.0	318.2	1.0	31.9	24.5	91.
18.9	59.7	54.3	500.0	-12.7	-28.7	256.2	35.6	34.7	8.0	317.6	320.0	0.7	24.7	27.1	89.
20.2	63.1	58.1	475.0	-15.2	-31.9	256.2	38.8	37.7	9.3	319.2	321.1	0.5	22.2	30.1	88.
21.5	66.3	61.5	450.0	-17.5	-36.8	252.3	36.0	34.3	10.9	321.3	322.5	0.4	18.6	32.9	87.
22.7	70.0	65.1	425.0	-20.6	-40.7	249.5	37.3	36.8	13.8	322.8	323.5	0.3	14.4	35.4	86.
24.1	73.7	73.1	400.0	-24.3	-41.7	250.6	42.0	39.6	13.9	323.4	324.3	0.2	17.9	38.0	84.
25.5	77.4	74.2	375.0	-28.6	-43.3	251.3	32.5	30.7	10.4	323.7	324.5	0.2	22.6	42.1	83.
27.0	81.2	81.7	350.0	-32.9	-46.6	257.8	41.6	40.6	8.8	324.3	324.5	0.2	23.8	44.8	83.
28.7	85.4	83.2	325.0	-37.7	-50.4	255.7	41.6	40.5	10.3	324.7	325.1	0.1	24.7	49.6	82.
30.4	89.6	93.2	300.0	-42.5	99.9	256.9	35.2	34.3	9.0	325.7	325.9	0.9	99.9	53.3	82.
32.3	94.2	97.4	275.0	-47.4	99.9	262.0	42.9	42.5	6.0	326.6	326.9	0.9	99.9	57.4	82.
34.3	98.8	105.6	250.0	-52.8	99.9	254.1	37.2	37.2	7.2	327.6	327.9	0.9	99.9	62.9	81.
36.5	103.3	112.7	225.0	-58.0	99.9	253.7	41.3	39.6	11.6	329.7	329.9	0.9	99.9	67.8	81.
38.3	109.0	119.9	200.0	-58.4	99.9	239.0	41.9	35.9	21.6	340.3	329.9	0.9	99.9	73.7	80.
41.6	114.3	123.1	175.0	-58.9	99.9	251.1	48.8	44.2	15.2	352.7	329.9	0.9	99.9	80.7	79.
44.7	120.4	130.3	150.0	-59.7	99.9	255.0	44.2	46.5	12.5	367.3	329.9	0.9	99.9	90.4	78.
49.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN A DEG

STATION NO. 215  
JACKSON, MISS

6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR NG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y DG K	E POT Y DG K	NR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	100.0	1009.0	1.4	-3.6	350.0	7.7	1.3	-7.6	274.2	281.7	2.9	69.0	0.0	0.0
0.2	5.3	172.1	1000.0	0.4	-4.3	335.0	8.3	3.4	-7.6	273.9	280.8	2.7	67.6	0.2	132.0
0.7	7.0	174.7	975.0	-1.4	-5.5	312.6	8.9	4.1	-7.9	274.1	280.8	2.6	73.7	0.4	159.0
1.5	9.9	580.9	950.0	-3.5	-5.7	332.4	9.6	4.4	-8.5	274.0	280.8	2.6	84.6	0.8	155.0
2.2	11.8	791.3	925.0	-5.4	-5.8	326.5	8.7	4.8	-7.2	274.1	281.1	2.7	97.3	1.2	154.0
2.5	13.8	1005.7	900.0	-7.2	-7.1	323.3	11.4	6.8	-9.1	274.4	280.8	2.5	100.6	1.6	151.0
3.6	15.9	1225.3	875.0	-7.4	-9.0	327.9	13.7	7.3	-11.6	276.3	282.2	2.2	88.2	2.1	150.0
4.4	17.9	1451.5	850.0	-5.7	-11.5	319.6	17.0	11.5	-13.6	280.4	285.5	1.9	64.1	2.9	149.0
5.2	20.1	1684.5	825.0	-3.6	-14.0	310.3	19.4	14.8	-12.5	285.0	289.4	1.6	94.1	3.7	146.0
6.0	22.7	1420.5	800.0	-3.8	-16.1	301.8	17.3	14.7	-9.1	287.2	291.1	1.4	37.9	4.6	142.0
6.9	24.5	2180.7	775.0	-2.8	-18.2	299.9	17.6	15.2	-8.8	291.0	294.4	1.2	29.1	5.5	138.0
7.9	26.0	2445.6	750.0	-4.9	-19.0	294.5	17.6	15.3	-8.7	293.5	296.7	1.1	25.9	6.5	136.0
8.7	29.0	2704.1	725.0	-4.7	-22.2	294.4	18.0	16.4	-7.5	294.4	297.1	0.9	23.6	7.3	133.0
9.6	31.5	2981.4	700.0	-6.6	-23.9	292.4	19.1	17.7	-7.3	295.3	297.7	0.8	23.7	8.3	131.0
10.5	34.3	3200.1	675.0	-8.7	-25.5	285.2	19.0	18.3	-6.0	296.0	298.2	0.7	24.0	9.3	129.0
11.5	36.3	3557.4	650.0	-10.8	-27.0	285.2	19.0	18.3	-5.0	296.0	298.2	0.6	24.0	10.3	126.0
12.5	38.3	3857.8	625.0	-12.9	-25.4	280.4	21.9	21.5	-4.1	297.7	297.9	0.1	2.9	11.3	124.0
13.5	41.3	4169.1	600.0	-13.1	-30.7	273.1	28.8	28.7	-1.6	301.0	301.9	0.3	12.7	12.8	121.0
14.6	44.1	4492.6	575.0	-14.0	-30.0	265.0	45.2	44.3	8.6	306.7	308.6	0.6	26.3	14.6	116.0
15.7	47.3	4624.7	550.0	-14.7	-29.7	259.0	45.2	44.3	9.4	310.2	312.3	0.6	28.1	16.9	111.0
16.9	49.3	5181.8	525.0	-15.2	-29.5	259.3	50.4	49.5	9.4	310.2	312.3	0.6	28.1	18.8	108.0
17.9	52.8	5548.9	500.0	-16.6	-31.2	267.4	51.5	51.1	6.7	312.9	314.7	0.6	28.6	22.7	102.0
19.0	55.7	5731.3	475.0	-18.7	-31.6	261.7	53.5	59.1	7.7	316.8	316.7	0.6	30.9	26.4	100.0
20.4	58.1	6334.7	450.0	-21.5	-32.9	261.0	54.9	59.1	9.4	316.2	318.1	0.5	34.7	31.1	97.0
21.9	62.1	6753.5	425.0	-24.8	-35.5	257.9	57.6	56.3	12.1	317.2	318.7	0.4	35.9	35.9	94.0
23.3	65.6	7147.2	400.0	-27.8	-38.7	256.3	62.4	61.1	12.7	318.8	320.0	0.3	34.8	40.5	92.0
24.8	69.1	7533.0	375.0	-31.2	-41.3	259.8	63.4	62.4	11.3	320.2	321.2	0.3	34.0	46.1	91.0
26.4	72.7	8138.1	350.0	-35.2	-44.1	257.6	59.6	58.2	12.8	321.2	321.9	0.2	38.6	51.0	90.0
28.2	76.7	8630.5	325.0	-39.0	-47.8	249.0	60.0	64.6	12.6	322.8	323.4	0.2	38.4	58.3	88.0
30.1	80.7	9143.4	300.0	-43.6	-49.9	258.9	66.5	65.3	12.8	323.9	323.9	99.9	99.9	99.9	87.0
32.2	85.1	9772.6	275.0	-48.5	-49.9	259.8	80.0	57.0	10.3	325.0	325.0	99.9	99.9	74.4	86.0
34.6	89.6	10342.1	250.0	-53.9	-49.9	265.5	80.8	86.5	6.8	326.0	326.0	99.9	99.9	83.9	86.0
37.0	94.3	11008.4	225.0	-55.5	-49.9	260.2	67.2	86.2	11.5	333.4	333.4	99.9	99.9	93.8	86.0
39.4	100.7	11812.6	200.0	-55.2	-49.9	252.6	75.0	71.6	27.5	345.4	345.4	99.9	99.9	104.4	85.0
42.7	106.9	12662.4	175.0	-57.6	-49.9	253.5	56.2	53.9	15.9	354.8	354.8	99.9	99.9	111.8	84.0
46.1	112.3	13720.3	150.0	-60.8	-49.9	258.0	58.1	56.8	12.1	365.3	365.3	99.9	99.9	128.6	83.0
50.6	120.0	14759.1	125.0	-62.0	-49.9	256.2	37.8	35.5	6.1	382.7	382.7	99.9	99.9	138.7	82.0
55.6	128.3	16110.1	100.0	-64.0	-49.9	262.5	46.4	46.4	6.1	404.1	404.1	99.9	99.9	152.7	82.0
61.8	138.3	17434.9	75.0	-65.3	-49.9	262.5	46.4	46.4	6.1	436.1	436.1	99.9	99.9	199.9	99.9
69.9	99.9	99.9	50.0	-69.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1973  
2115 GMT

167 21.0

TIME MIN	CNTCT	HEIGHT CM	SAFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.3	3.2	5.0	1020.1	9.4	-2.5	350.0	8.8	0.0	-8.8	281.4	289.6	3.1	43.0	0.0	0.
0.6	4.3	149.7	1000.0	8.0	-4.3	355.1	10.9	0.9	-10.9	281.5	289.0	2.8	41.5	0.4	177.
1.2	6.9	377.1	975.0	4.7	-5.3	350.5	10.6	1.7	-10.5	280.2	287.2	2.6	48.5	0.8	175.
2.0	9.2	769.1	950.0	2.7	-5.4	340.0	4.2	3.1	-9.6	280.3	287.5	2.7	55.1	1.3	172.
2.7	11.3	401.1	925.0	0.6	-5.8	330.6	9.0	3.9	-8.2	280.3	287.4	2.7	61.9	1.6	168.
3.4	13.6	1022.2	900.0	-1.6	-6.6	328.9	10.2	5.3	-8.8	280.2	287.2	2.6	68.6	2.0	165.
4.0	15.3	1249.1	875.0	1.6	-13.0	326.1	15.8	6.8	-13.1	285.7	290.3	1.6	33.8	2.5	162.
4.8	16.2	1421.6	850.0	1.8	-15.8	318.5	15.8	10.5	-11.8	288.2	292.0	1.3	26.6	3.2	157.
5.4	20.6	1722.7	825.0	2.3	-17.1	305.8	12.6	10.2	-7.4	291.2	294.8	1.2	22.2	3.9	153.
6.5	23.3	1470.4	800.0	0.4	-19.2	311.0	12.9	9.4	-8.8	292.3	295.4	1.0	20.4	4.5	149.
7.5	25.5	2224.9	775.0	-0.6	-21.7	309.9	12.7	9.7	-9.6	293.3	295.9	0.8	18.0	5.1	147.
7.4	28.0	2483.9	750.0	-2.1	-23.7	306.6	16.1	12.9	-9.6	294.4	296.3	0.6	14.3	5.8	145.
9.3	30.7	2715.2	725.0	-2.1	-28.0	299.4	22.3	19.4	-11.0	297.2	298.9	0.5	11.6	6.8	142.
10.2	33.1	3311.9	700.0	-2.3	-24.1	299.0	28.3	26.8	-9.2	300.1	302.5	0.8	16.8	8.1	137.
11.3	36.3	3321.6	675.0	-4.4	-16.3	278.4	31.9	31.7	-3.5	300.9	305.6	1.6	38.8	9.9	131.
12.7	38.6	3014.6	650.0	-6.2	-13.4	268.1	33.9	33.8	1.1	304.5	310.8	2.1	48.5	11.5	126.
13.7	41.7	3127.9	625.0	-6.0	-16.7	268.1	32.9	32.9	1.0	305.8	310.9	1.7	42.6	13.3	119.
14.5	44.5	3244.7	600.0	-7.8	-17.4	267.4	33.2	33.2	1.3	307.3	312.1	1.6	44.1	15.2	111.
15.5	47.0	4570.6	575.0	-9.8	-17.4	268.5	36.6	36.6	0.9	308.7	316.0	1.7	53.5	17.1	111.
16.7	50.3	4417.2	550.0	-10.6	-20.0	269.0	36.2	36.2	1.3	311.6	316.1	1.4	46.1	19.6	108.
18.0	53.7	5275.5	525.0	-12.7	-22.1	267.3	35.7	35.7	1.7	313.2	317.2	1.2	45.1	22.1	106.
19.1	56.8	5647.1	500.0	-13.8	-24.5	270.1	37.5	37.5	-0.1	316.3	319.7	1.0	39.7	24.4	104.
20.4	60.1	6035.0	475.0	-16.4	-29.0	271.2	37.5	37.5	-0.8	317.7	320.2	0.7	32.6	27.2	103.
21.7	63.7	4419.0	450.0	-19.8	-31.6	269.0	39.3	39.3	0.7	318.4	320.4	0.6	33.9	30.4	102.
23.1	67.2	8811.4	425.0	-22.2	-34.5	266.1	41.2	41.1	2.8	320.5	322.2	0.5	31.6	33.6	100.
24.5	70.9	7304.4	400.0	-24.9	-36.4	264.2	44.0	43.7	4.4	322.7	323.9	0.3	27.0	36.8	99.
25.8	74.7	7770.3	375.0	-29.1	-38.6	262.7	43.8	43.1	5.6	323.0	324.2	0.3	35.4	41.0	97.
27.4	78.6	4254.0	350.0	-33.1	-41.2	266.9	50.70	50.8	2.7	323.8	324.7	0.2	35.9	44.5	96.
28.2	83.3	8775.0	325.0	-37.6	-47.6	264.8	38.40	38.2	3.5	324.8	325.4	0.2	33.8	49.1	95.
30.9	87.1	9321.0	300.0	-42.9	-49.9	265.4	46.40	46.3	3.7	324.9	325.9	99.9	99.9	53.8	94.
32.7	92.0	9401.1	275.0	-47.8	-49.9	266.2	42.60	42.5	2.8	326.0	326.9	99.9	99.9	58.7	94.
34.5	96.4	10522.1	250.0	-51.2	-49.4	270.0	19.50	19.5	0.0	327.6	328.9	99.9	99.9	63.4	93.
36.4	102.2	11173.1	225.0	-58.3	-49.9	263.5	41.50	43.2	4.9	329.2	329.9	99.9	99.9	68.2	93.
38.4	108.0	11916.2	200.0	-56.8	-49.9	262.3	44.40	48.0	6.5	342.8	343.9	99.9	99.9	74.1	92.
41.3	114.0	12774.8	175.0	-58.0	-49.9	264.6	46.80	46.6	6.4	354.2	355.2	99.9	99.9	81.4	91.
43.9	121.0	13767.8	150.0	-57.5	-49.9	271.9	43.30	43.3	-1.4	371.0	371.9	99.9	99.9	87.7	91.
46.8	128.7	14769.9	125.0	-63.9	-49.9	267.2	44.20	44.1	2.2	379.3	379.9	99.9	99.9	93.6	91.
50.8	137.6	15223.1	100.0	-68.9	-49.9	266.9	44.90	44.4	2.4	394.7	394.9	99.9	99.9	102.7	91.
54.5	145.7	17531.5	75.0	-69.2	-49.9	269.8	30.90	30.9	0.1	427.9	427.9	99.9	99.9	113.0	91.
61.1	155.7	23413.6	50.0	-62.6	-49.9	250.1	10.70	10.1	3.7	496.1	496.9	99.9	99.9	121.7	90.
72.3	167.0	24605.4	25.0	-60.4	-49.9	273.8	14.90	14.9	-1.0	610.4	610.9	99.9	99.9	133.9	89.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 248  
 SHREVEPORT, LA

 6 FEBRUARY 1975  
 2315 GMT

TIME MIN	CNTCT	WGT GPM	PPES MM	TEMP DG C	DEW PT DG C	WIN DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	F POT V DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.5	79.0	1014.9	1.1	-7.0	320.0	8.2	5.3	-6.3	273.4	276.9	2.1	52.0	0.0	0.
0.4	5.5	197.5	1000.0	-0.7	-8.5	319.5	11.3	7.4	-6.6	272.7	278.0	2.0	55.5	0.2	137.
1.1	7.0	198.0	975.0	-2.9	-9.6	318.0	10.5	7.0	-7.8	272.4	277.4	1.9	60.0	0.6	138.
1.6	10.1	603.4	950.0	-5.0	-10.0	318.1	9.9	6.4	-7.3	272.3	277.3	1.9	68.1	1.1	139.
2.0	12.7	412.4	925.0	-6.6	-10.0	318.4	9.9	6.9	-7.1	272.8	277.8	1.9	76.9	1.5	139.
3.4	16.3	1026.1	900.0	-9.2	-11.2	321.5	10.5	6.5	-8.2	272.3	277.0	1.8	85.5	1.9	139.
4.2	16.2	1244.2	875.0	-4.1	-14.0	333.0	12.5	5.7	-11.1	275.6	279.6	1.5	62.4	2.4	140.
4.9	18.5	1470.4	850.0	-5.7	-13.3	327.6	14.0	7.5	-11.8	280.3	284.8	1.6	55.0	3.1	142.
5.7	20.7	1705.7	825.0	-3.7	-13.0	325.0	13.8	7.9	-11.3	284.9	289.6	1.7	48.4	3.7	143.
6.5	22.9	1848.0	800.0	-3.2	-15.5	321.4	17.2	10.6	-13.5	287.9	292.0	1.4	37.8	4.4	143.
7.2	25.1	2200.0	775.0	-3.7	-20.1	321.4	15.2	9.4	-11.9	290.0	292.9	1.0	26.0	5.1	143.
8.1	27.5	2626.3	750.0	-5.0	-24.1	320.4	15.3	9.8	-11.8	291.2	293.4	0.7	28.4	5.8	143.
8.9	30.0	2723.4	725.0	-6.5	-26.6	319.0	16.5	10.8	-12.5	292.4	294.2	0.6	18.3	6.7	142.
9.6	32.7	2497.1	700.0	-8.4	-28.4	315.1	16.7	11.4	-11.9	293.2	294.8	0.5	18.0	7.6	142.
10.7	35.2	3278.3	675.0	-10.4	-30.0	311.3	15.8	11.9	-10.4	294.0	295.5	0.5	18.2	8.4	141.
11.6	37.6	3487.4	650.0	-12.9	-31.4	309.0	15.6	11.9	-10.0	294.5	295.7	0.4	18.4	9.3	140.
12.7	40.3	3855.2	625.0	-15.4	-33.3	305.9	15.7	12.7	-9.2	294.9	296.0	0.4	19.7	10.3	139.
13.7	42.9	4171.4	600.0	-17.8	-33.7	298.8	18.7	16.4	-9.0	295.5	296.7	0.4	23.2	11.2	137.
14.7	45.7	4449.4	575.0	-18.7	-36.0	290.3	24.0	24.4	-9.0	298.4	299.6	0.3	19.3	12.5	135.
15.9	48.0	4621.4	550.0	-17.3	-35.0	280.5	34.1	33.5	-6.2	303.1	304.1	0.3	18.3	14.4	131.
17.2	51.3	5170.4	525.0	-17.3	-35.9	273.0	38.5	38.4	-2.0	307.6	308.8	0.3	17.8	16.9	125.
18.5	54.4	5445.7	500.0	-18.9	-37.1	274.6	43.9	43.8	-3.5	310.0	311.0	0.3	18.2	19.7	120.
19.8	57.3	5418.5	475.0	-20.0	-36.6	274.4	51.4	50.7	-8.4	313.2	314.4	0.3	20.9	22.9	117.
21.2	60.5	6315.9	450.0	-22.5	-37.7	277.4	51.4	51.0	-6.6	314.9	316.1	0.3	23.4	27.4	114.
22.7	63.9	6723.1	425.0	-25.6	-40.1	273.8	51.1	50.7	-3.4	316.2	317.1	0.3	23.5	31.7	111.
24.4	67.1	7170.1	400.0	-28.6	-42.6	275.7	55.19	54.4	-5.5	317.7	318.5	0.2	24.3	34.6	109.
26.2	70.6	7429.3	375.0	-32.1	-45.7	273.2	51.20	51.2	-2.8	319.1	319.7	0.2	24.1	42.5	107.
27.9	74.3	8112.7	350.0	-35.8	-48.4	270.0	59.00	59.0	0.0	320.4	320.8	0.1	24.7	47.9	105.
29.8	78.2	8623.6	325.0	-39.8	-49.4	265.5	56.88	56.6	4.4	321.8	322.8	99.9	99.9	54.3	103.
31.9	82.3	9195.2	300.0	-44.4	-49.4	261.3	46.30	45.8	7.0	322.8	323.9	99.9	99.9	61.7	101.
33.9	86.0	9741.4	275.0	-48.2	-49.4	261.3	80.70	80.7	-1.9	323.9	324.9	99.9	99.9	69.8	99.
36.0	90.6	13359.7	250.0	-54.4	-49.4	265.9	57.00	56.4	4.2	325.2	326.2	99.9	99.9	75.7	98.
38.4	95.3	11074.4	225.0	-58.4	-49.4	99.9	99.9	99.9	99.9	326.6	327.6	99.9	99.9	99.9	99.9
41.3	100.3	11767.0	200.0	-57.0	-49.4	99.9	99.9	99.9	99.9	328.6	329.6	99.9	99.9	99.9	99.9
44.6	105.4	12614.1	175.0	-57.8	-49.4	99.9	99.9	99.9	99.9	330.5	331.5	99.9	99.9	99.9	99.9
47.9	111.9	13503.6	150.0	-60.4	-49.4	99.9	99.9	99.9	99.9	332.0	333.0	99.9	99.9	99.9	99.9
52.4	118.3	14711.4	125.0	-62.4	-49.4	99.9	99.9	99.9	99.9	334.0	335.0	99.9	99.9	99.9	99.9
57.6	125.3	16074.6	100.0	-65.5	-49.4	99.9	99.9	99.9	99.9	336.0	337.0	99.9	99.9	99.9	99.9
64.1	134.1	17024.2	75.0	-63.2	-49.4	99.9	99.9	99.9	99.9	338.0	339.0	99.9	99.9	99.9	99.9
72.4	142.7	20298.9	50.0	-64.4	-49.4	99.9	99.9	99.9	99.9	341.7	342.7	99.9	99.9	99.9	99.9
88.2	151.1	24550.6	25.0	-62.9	-49.4	99.9	99.9	99.9	99.9	343.9	344.9	99.9	99.9	99.9	99.9

 0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 PV TEMP MEANS TEMPERATURE UM TIME HADT FCIM INTERPOLATED  
 00 PV SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 255  
VICTORIA, TEX  
6 FEBRUARY 1975  
2115 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T HG K	E POT T DG K	MR RTO GM/EC	RM PCT	RANGE KM	AZ DG
0.0	4.1	33.7	1020.2	8.0	-4.0	350.0	10.3	1.0	-10.1	274.9	286.9	2.6	40.0	0.0	0.
0.4	5.7	146.7	1000.0	4.5	-5.2	353.4	13.1	1.5	-13.1	278.0	289.9	2.6	49.1	0.5	175.
1.0	7.9	622.3	975.0	2.0	-5.4	352.3	12.9	1.7	-12.7	278.1	288.0	2.6	54.1	1.1	174.
2.2	10.1	611.4	950.0	0.0	-6.1	352.0	12.7	1.4	-12.5	278.5	285.2	2.5	59.0	1.7	173.
3.2	12.1	625.6	925.0	-0.4	-7.0	348.7	15.1	2.4	-14.4	278.7	285.2	2.4	62.0	2.5	173.
4.1	14.5	1045.0	900.0	3.5	-13.0	342.2	15.6	4.0	-14.9	285.3	289.7	1.6	28.8	3.4	171.
5.1	16.6	1275.1	875.0	5.4	-16.1	342.5	14.0	6.5	-12.4	284.5	293.2	1.2	19.5	4.2	168.
5.9	19.3	1511.4	850.0	4.2	-21.4	340.0	14.9	5.0	-14.1	290.6	293.1	0.8	13.4	4.9	164.
6.0	21.7	1754.1	825.0	4.0	-23.4	337.8	17.4	7.9	-15.4	292.9	295.0	0.7	29.1	5.7	165.
7.6	23.7	2071.8	800.0	3.3	-17.0	314.1	17.3	12.4	-12.1	294.9	294.4	1.3	21.0	6.6	162.
9.5	25.3	2247.2	775.0	1.6	-13.4	302.1	17.5	14.8	-9.3	295.7	300.6	1.7	30.5	7.3	158.
9.3	28.4	2511.2	750.0	-0.5	-9.8	293.3	19.2	17.7	-7.6	296.3	303.3	2.4	49.	8.0	154.
10.3	31.0	2744.6	725.0	0.4	-11.5	280.4	21.4	21.1	-4.0	300.3	306.8	2.7	40.1	8.9	148.
11.3	33.7	3076.2	700.0	-0.0	-8.2	273.3	23.0	23.0	-1.2	302.8	311.3	2.9	52.9	9.7	142.
12.2	36.1	3476.2	675.0	-1.1	-8.3	271.8	24.4	24.4	-0.8	304.9	314.0	3.1	59.2	10.6	136.
13.3	38.9	3884.4	650.0	-3.4	-9.4	271.2	24.9	25.9	-0.6	304.9	313.4	2.9	65.0	11.8	131.
14.4	41.5	4271.1	625.0	-5.4	-9.4	268.2	27.0	27.7	-0.7	308.0	315.2	2.9	71.0	13.2	126.
15.5	44.3	4676.4	600.0	-7.1	-11.4	271.4	24.7	29.7	-0.7	308.0	315.8	2.6	69.7	14.8	121.
16.8	47.1	5076.4	575.0	-9.0	-21.0	273.4	28.4	28.4	-1.9	309.6	313.6	1.3	38.0	16.8	110.
17.9	50.2	5476.4	550.0	-10.5	-18.6	274.7	30.3	30.2	-2.5	311.8	316.9	1.6	51.2	18.7	115.
19.1	53.0	5877.1	525.0	-11.0	-22.9	276.5	30.7	30.5	-3.5	315.3	319.1	1.2	37.1	20.8	113.
20.4	54.3	6273.1	500.0	-13.1	-27.8	279.5	30.4	30.0	-5.0	316.9	319.6	0.8	29.3	23.0	112.
21.8	56.1	6684.3	475.0	-16.2	-33.4	279.4	32.0	31.6	-5.4	317.9	319.5	0.5	26.3	25.7	111.
23.1	62.5	7072.7	450.0	-19.4	-33.4	277.0	32.6	32.4	-4.0	318.9	320.5	0.5	26.3	28.1	109.
24.7	65.8	7465.6	425.0	-21.2	-43.7	279.9	29.3	29.3	0.1	318.8	322.5	0.1	11.3	30.9	108.
26.1	69.3	7854.5	400.0	-25.1	-46.7	280.8	27.3	32.2	0.7	322.3	322.8	0.1	11.3	33.5	106.
27.7	72.7	8245.0	375.0	-28.9	-49.4	284.3	30.4	30.2	3.0	323.3	321.7	0.1	11.7	36.4	105.
29.3	76.5	8631.1	350.0	-33.3	-51.5	286.7	31.9	31.4	5.6	323.8	324.1	0.1	13.9	39.7	103.
30.9	80.4	9017.0	325.0	-37.8	-54.7	289.7	31.9	31.4	5.7	324.5	324.8	0.1	14.9	41.4	102.
32.4	84.4	9405.3	300.0	-42.9	99.9	287.0	31.3	30.5	7.0	324.9	999.9	99.9	999.9	44.9	100.
34.7	88.4	9795.3	275.0	-47.9	99.9	286.0	27.3	26.7	5.7	325.8	999.9	99.9	999.9	46.2	98.
36.9	93.1	10174.1	250.0	-53.0	99.9	282.4	28.9	28.4	3.9	326.1	997.9	99.9	999.9	51.4	97.
39.1	97.4	11247.5	225.0	-57.0	99.9	264.0	29.7	29.0	1.6	331.2	994.9	99.9	999.9	55.5	96.
41.7	103.3	11913.3	200.0	-58.5	99.9	264.4	42.3	42.2	-3.3	333.3	993.9	99.9	999.9	60.8	96.
44.5	108.3	12545.6	175.0	-55.4	99.9	283.4	35.4	34.4	-8.2	358.4	992.9	99.9	999.9	67.7	96.
47.8	114.4	13123.3	150.0	-59.7	99.9	280.0	17.50	36.4	-6.5	367.2	999.9	99.9	999.9	74.7	96.
51.5	121.1	14944.2	125.0	-64.4	99.9	271.9	32.60	32.6	-1.1	378.3	999.9	99.9	999.9	84.6	97.
55.7	126.1	14246.2	100.0	-71.1	99.9	279.5	34.98	34.4	-1.1	390.4	999.9	99.9	999.9	93.3	97.
61.2	137.3	17947.7	75.0	-71.1	99.9	281.0	24.00	24.1	-5.1	423.9	999.9	99.9	999.9	104.1	97.
66.1	146.0	20424.4	50.0	-82.6	99.9	280.0	17.20	17.9	3.5	436.1	999.9	99.9	999.9	117.3	97.
81.9	154.0	24716.0	25.0	-81.0	99.9	287.4	20.0	20.4	1.3	607.5	999.9	99.9	999.9	128.5	96.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HFIGHT GPM	PRI S MR	TEMP DG C	DLW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.1	349.0	979.1	-1.3	-11.7	340.0	5.1	1.7	-4.8	273.7	278.0	1.6	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	7.6	432.4	975.0	-1.9	-11.7	322.2	7.7	4.7	-6.1	273.4	277.7	1.6	47.0	0.2	84.
1.1	5.1	634.1	950.0	-4.1	-12.0	320.8	10.9	6.9	-8.4	273.2	277.5	1.6	54.3	0.7	150.
1.8	11.2	447.0	925.0	-5.8	-12.3	325.7	10.6	6.0	-8.7	273.6	277.9	1.6	59.8	1.1	148.
2.6	14.2	1762.0	900.0	-7.4	-13.0	331.5	11.8	5.6	-10.4	278.0	278.2	1.6	64.5	1.6	147.
3.4	16.3	1282.1	875.0	-4.2	-14.6	351.6	17.0	2.5	-10.8	279.6	283.5	1.4	44.1	2.3	152.
4.1	18.6	1511.4	850.0	-2.5	-13.5	356.5	17.2	1.1	-17.2	283.7	288.1	1.6	42.4	3.0	158.
4.9	20.7	1748.4	825.1	-2.7	-19.5	355.5	17.8	1.4	-17.7	286.6	289.4	1.0	24.9	3.8	161.
5.7	23.1	1931.0	800.0	-3.0	-20.3	353.4	19.3	2.2	-19.2	288.1	293.9	0.9	24.7	4.7	164.
6.5	25.4	2243.9	775.0	-4.0	-21.5	343.3	15.1	4.3	-14.4	289.6	292.2	0.9	24.0	5.6	165.
7.5	28.0	2531.3	750.0	-5.1	-21.8	339.0	14.8	5.3	-13.8	291.1	293.8	0.9	25.4	6.4	164.
8.4	30.6	2767.5	725.0	-6.3	-23.1	333.1	12.7	5.7	-11.4	292.6	294.7	0.7	21.3	7.2	164.
9.3	33.1	3041.1	700.0	-7.9	-27.4	325.5	10.5	6.0	-8.7	293.8	295.6	0.6	19.0	7.8	162.
10.2	35.7	3322.6	675.0	-10.2	-30.1	321.4	9.0	5.6	-7.1	294.2	295.7	0.5	17.7	8.3	161.
11.2	38.1	3612.2	650.0	-12.3	-32.1	320.6	11.0	7.0	-8.5	295.1	296.4	0.4	16.9	8.8	160.
12.2	40.9	3911.2	625.0	-12.7	-41.0	311.3	16.6	12.4	-10.9	297.9	298.4	0.2	6.9	9.5	158.
13.1	43.7	4222.5	600.0	-13.3	-43.1	296.8	23.8	21.3	-10.7	300.7	301.0	0.1	4.9	10.5	155.
14.3	46.4	4546.4	575.0	-11.7	-49.8	283.4	33.1	32.2	-7.7	305.2	306.5	0.1	2.5	12.1	148.
15.4	49.2	4937.6	550.0	-11.4	-37.1	283.1	36.2	35.2	-8.3	310.6	311.6	0.3	9.7	13.8	141.
16.5	52.3	5231.7	525.0	-12.7	-39.1	290.6	38.6	36.1	-13.6	313.1	314.0	0.2	8.8	15.9	136.
17.7	55.4	5613.6	500.0	-16.1	-37.5	293.9	40.2	36.7	-16.3	313.4	314.4	0.3	13.7	18.6	132.
19.0	58.4	5947.1	475.0	-19.6	-37.9	291.8	34.2	36.4	-14.5	313.7	314.7	0.3	17.8	21.5	130.
20.5	61.4	6198.2	450.0	-20.2	-38.6	289.1	42.1	39.7	-13.9	317.8	318.9	0.3	17.6	24.8	127.
21.9	65.1	6414.4	425.0	-23.2	-41.3	287.7	42.2	40.2	-12.9	319.2	320.1	0.2	17.0	28.3	125.
23.1	69.4	7204.4	400.0	-26.6	-44.4	287.0	44.6	42.6	-13.1	320.3	321.0	0.2	16.0	31.8	123.
24.8	71.7	7727.8	375.0	-30.5	-47.6	281.0	45.5	44.7	-8.7	321.2	321.7	0.1	16.8	35.6	121.
26.4	75.5	8204.0	350.0	-34.8	49.9	275.1	46.4	46.2	-4.1	321.9	322.9	99.9	99.9	40.0	118.
28.0	79.4	8721.5	325.0	-34.1	-42.5	271.1	47.3	47.3	-0.9	322.7	323.7	0.3	69.7	43.8	116.
29.5	83.1	9244.6	300.0	-43.9	99.9	265.5	43.14	42.9	3.3	323.5	323.5	99.9	99.9	48.4	113.
31.5	87.4	9843.0	275.0	-48.4	99.9	272.1	41.74	51.7	-1.9	323.1	323.1	99.9	99.9	53.0	111.
33.9	92.0	10462.4	250.0	-53.9	99.9	268.3	44.24	44.2	1.3	326.0	326.0	99.9	99.9	59.5	108.
36.0	96.6	11131.0	225.0	-59.3	99.9	273.7	50.24	55.9	-5.6	327.7	327.7	99.9	99.9	66.5	107.
38.5	101.6	11873.4	200.0	-57.1	99.9	283.2	51.64	45.8	-13.6	342.4	342.4	99.9	99.9	71.8	106.
41.4	107.0	12717.0	175.0	-57.8	99.9	278.0	45.54	45.1	-6.3	354.5	354.5	99.9	99.9	82.4	106.
44.3	113.0	13642.4	150.0	-58.2	99.9	285.7	38.54	37.1	-10.4	369.9	369.9	99.9	99.9	89.6	105.
48.2	119.3	14824.9	125.0	-62.2	99.9	284.4	55.84	54.0	-14.2	382.3	382.3	99.9	99.9	100.5	106.
52.6	127.0	16190.0	100.0	-67.7	99.9	290.4	21.04	19.7	-7.3	395.9	395.9	99.9	99.9	110.0	105.
58.3	135.3	17919.8	75.0	-66.1	99.9	290.6	38.24	36.0	-12.8	434.4	434.4	99.9	99.9	121.3	105.
64.3	143.7	20391.7	50.0	-61.9	99.9	286.0	32.14	30.9	-8.9	497.6	497.6	99.9	99.9	132.1	105.
79.1	153.3	24649.8	25.0	-59.0	99.9	243.0	12.84	11.4	5.8	615.0	615.0	99.9	99.9	139.1	103.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 261  
OLL RID, TEN

6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT G/M	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SHLLD M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.5	314.0	988.4	9.9	-5.6	350.0	6.2	1.1	-6.1	284.3	291.3	2.5	33.0	0.0	0.
99.9	98.3	64.9	1000.0	99.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	8.6	427.1	975.0	6.4	-7.5	357.0	7.7	0.3	-7.7	283.9	290.0	2.2	31.5	0.2	189.
1.0	10.7	440.4	950.0	6.1	-7.3	2.7	6.5	-0.3	-6.5	283.7	290.1	2.3	37.5	0.4	184.
1.7	12.3	856.2	925.0	3.6	-7.9	0.7	6.1	-0.1	-6.1	283.3	289.6	2.3	42.4	0.7	185.
2.7	15.2	1079.4	900.0	1.4	-8.0	358.4	6.1	0.2	-8.1	283.2	289.6	2.3	49.3	1.1	183.
3.5	17.4	1305.9	875.0	-0.6	-9.0	1.8	9.1	-0.6	-9.1	283.4	289.5	2.2	53.2	1.5	182.
4.3	19.4	1537.1	850.0	-0.6	-14.0	16.3	9.4	-2.4	-8.1	285.7	290.0	1.5	55.5	1.9	184.
5.2	22.0	1775.7	825.0	-0.3	-20.9	351.2	8.7	1.3	-8.6	288.4	291.0	0.9	19.2	2.4	185.
6.0	24.4	2022.1	800.0	0.0	-16.8	327.9	10.9	5.8	-9.2	291.3	295.2	1.3	27.5	2.8	180.
6.9	26.7	2275.4	775.0	-1.0	-10.4	286.2	11.7	11.2	-3.3	293.0	299.4	2.2	49.0	3.2	172.
7.6	29.3	2517.7	750.0	-1.3	-7.4	488.0	13.1	12.4	-4.0	295.5	303.8	2.9	62.9	3.5	161.
8.4	31.3	2837.0	725.0	-1.2	-15.9	286.0	15.1	13.6	-6.6	298.3	302.9	1.5	32.1	4.1	153.
9.8	34.6	3084.1	700.0	-0.8	-15.7	287.9	17.5	16.6	-5.4	301.8	306.7	1.6	31.2	4.9	146.
10.9	37.1	3371.1	675.0	-1.9	-17.4	283.8	17.4	16.9	-4.2	303.7	308.1	1.4	29.3	5.9	138.
12.0	39.3	3677.2	650.0	-3.9	-15.7	285.3	17.4	16.9	-4.4	305.7	310.0	1.7	39.3	6.8	174.
13.1	42.4	3855.5	625.0	-6.3	-14.4	285.3	19.2	18.5	-5.1	305.5	311.5	2.0	52.4	7.9	178.
14.3	45.4	4304.9	600.0	-5.8	-19.4	291.8	23.4	21.7	-6.7	309.6	313.9	1.4	33.3	9.3	125.
15.5	48.3	4634.6	575.0	-6.3	-27.6	294.4	26.7	24.3	-11.0	312.6	314.9	0.7	16.5	11.0	124.
16.7	51.1	4944.7	550.0	-8.4	-23.6	291.3	28.3	26.3	-10.3	314.2	317.6	1.0	24.0	13.1	122.
18.1	54.3	5343.8	525.0	-11.0	-26.5	288.2	29.2	27.7	-9.1	315.3	318.0	0.8	26.4	15.4	120.
19.4	57.3	5717.0	500.0	-13.5	-30.4	289.3	27.1	25.8	-8.5	316.6	318.7	0.6	22.4	17.6	118.
20.7	60.5	6105.0	475.0	-16.7	-32.8	292.0	27.8	25.7	-10.4	317.3	319.0	0.5	23.3	19.7	118.
22.3	64.1	6574.3	450.0	-19.8	-35.6	288.1	29.7	27.2	-8.9	318.3	319.7	0.4	22.9	22.3	117.
23.8	67.4	6930.3	425.0	-22.9	-39.2	285.6	29.1	26.1	-7.8	319.6	320.6	0.3	21.0	24.9	116.
25.3	70.9	7371.0	400.0	-26.2	-42.1	286.6	32.3	31.3	-8.2	320.9	321.7	0.2	20.5	27.7	115.
26.9	74.4	7835.7	375.0	-29.8	-44.2	286.6	29.5	29.0	-5.4	322.1	322.8	0.2	23.2	30.5	113.
28.5	78.3	8371.2	350.0	-34.1	-45.9	276.0	24.7	28.5	-4.0	323.6	323.3	0.2	29.1	33.4	112.
30.2	82.2	8837.4	325.0	-38.3	-48.9	275.1	31.9	31.9	-1.8	323.8	324.3	0.1	31.2	36.4	111.
32.0	86.3	9362.3	300.0	-43.0	-49.9	269.3	27.8	27.8	0.3	324.8	324.8	99.9	99.9	39.4	109.
33.8	90.1	9912.0	275.0	-48.1	-49.9	272.9	34.8	34.8	-1.0	325.5	325.5	99.9	99.9	42.7	108.
35.6	95.3	10583.9	250.0	-52.6	-49.9	264.2	26.9	26.9	2.7	326.0	326.0	99.9	99.9	45.9	106.
38.3	100.3	11250.2	225.0	-56.4	-49.9	270.4	35.6	35.6	-0.5	332.1	332.1	99.9	99.9	50.0	105.
40.7	105.8	12007.8	200.0	-55.8	-49.9	276.6	35.2	35.8	-5.2	343.5	343.5	99.9	99.9	54.7	104.
43.5	111.5	12860.0	175.0	-55.4	-49.9	283.3	44.0	41.6	-14.5	358.5	358.5	99.9	99.9	61.0	103.
46.9	117.7	13832.4	150.0	-57.7	-49.9	283.6	42.2	41.0	-9.9	370.7	370.7	99.9	99.9	69.2	104.
50.6	124.7	14960.0	125.0	-60.2	-49.9	288.4	33.5	32.1	-9.4	378.7	378.7	99.9	99.9	77.8	104.
54.9	131.7	16312.1	100.0	-65.9	-49.9	281.6	43.08	42.1	-8.7	393.1	393.1	99.9	99.9	86.1	104.
60.3	139.0	19010.4	75.0	-70.8	-49.9	295.3	25.56	23.1	-10.9	425.5	425.5	99.9	99.9	98.8	104.
68.8	146.3	20437.0	50.0	-66.1	-49.9	282.8	25.7	25.1	-8.7	487.9	487.9	99.9	99.9	105.8	104.
79.3	153.7	24737.0	25.0	-59.6	-49.9	270.1	25.2	25.2	-0.1	613.6	613.6	99.9	99.9	115.3	103.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
 MIDLAND, TEX

 6 FEBRUARY 1975  
 2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

187 22. 1

TIME MIN	CNTCT	HEIGHT GM	PHES MH	TEMP DG C	DEW PT DG C	UIN DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T UG K	E POT T DG K	MX RTO GM/KG	RH PCI	RANGE KM	AZ DG
0.0	11.6	671.0	423.5	5.6	-6.6	60.0	2.1	-1.8	-1.0	289.5	292.4	2.5	41.0	0.0	0.
93.2	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	13.9	1011.9	900.0	1.9	-9.2	233.9	4.1	3.3	2.4	283.7	289.6	2.1	43.6	0.1	235.
1.4	16.1	1308.1	875.0	-0.5	-9.3	130.4	1.1	-0.8	0.7	283.5	289.4	2.2	51.5	0.0	258.
2.3	18.7	1538.9	850.0	-2.9	-9.8	181.3	0.7	0.0	0.7	283.4	289.2	2.1	58.6	0.1	293.
3.0	21.0	1774.5	825.0	-4.1	-9.4	248.2	0.9	0.9	0.4	283.5	289.5	2.2	69.0	0.1	312.
3.9	23.5	2015.6	800.0	-6.7	-12.7	267.9	2.9	2.9	0.1	284.2	289.3	1.6	63.2	0.1	350.
4.9	26.0	2251.8	775.0	-6.0	-21.4	333.7	9.8	4.4	-8.8	287.5	290.0	0.9	27.2	0.3	128.
5.9	28.7	2520.8	750.0	-5.9	-27.7	325.6	13.5	4.2	-10.7	290.3	291.9	0.5	15.8	1.0	141.
6.8	31.4	2765.9	725.0	-6.4	-29.0	312.4	19.1	14.1	-12.9	292.5	294.0	0.5	14.6	1.9	139.
8.0	34.3	3050.3	700.0	-6.4	-28.4	305.4	23.4	18.3	-13.0	295.5	297.1	0.5	15.4	3.4	136.
9.1	36.9	3348.5	675.0	-5.7	-27.3	300.6	23.6	20.3	-12.0	299.3	301.1	0.6	15.4	4.9	131.
10.1	39.4	3630.4	650.0	-6.2	-24.0	297.0	28.4	27.7	-11.6	302.1	304.7	0.8	22.6	6.4	128.
11.4	42.5	3946.6	625.0	-7.2	-24.1	297.6	28.7	23.6	-12.3	304.3	307.1	0.9	24.2	8.4	125.
12.5	45.3	4263.4	600.0	-9.4	-26.8	296.8	28.5	22.8	-11.5	305.3	307.6	0.7	27.8	10.1	124.
13.7	48.9	4590.8	575.0	-12.0	-27.1	297.6	28.9	23.0	-12.0	306.0	308.3	0.7	26.6	11.9	123.
15.0	51.9	4910.1	550.0	-12.3	-21.0	299.9	28.2	24.5	-14.1	309.6	313.7	1.3	48.2	14.1	122.
16.4	55.2	5285.9	525.0	-13.1	-21.3	300.2	28.0	24.2	-14.1	312.6	316.4	1.1	41.8	16.4	122.
17.8	58.4	5656.2	500.0	-14.9	-27.2	300.3	25.6	22.1	-12.9	314.9	317.6	0.8	34.0	18.5	122.
19.2	62.0	6042.4	475.0	-17.5	-29.2	298.7	29.8	26.4	-13.4	316.4	318.8	0.7	34.8	20.9	121.
20.7	65.8	6445.4	450.0	-20.4	-32.4	295.7	31.3	28.2	-13.6	317.6	319.5	0.6	33.1	23.7	121.
22.3	69.2	6856.6	425.0	-24.2	-36.0	293.3	28.9	26.5	-11.4	318.0	319.7	0.5	39.5	26.5	120.
23.9	73.0	7304.6	400.0	-27.8	-37.3	292.4	28.5	26.3	-10.8	318.8	320.2	0.4	39.3	29.2	119.
25.4	77.0	7765.8	375.0	-31.0	-40.6	290.6	29.7	26.4	-8.8	320.5	321.6	0.3	38.0	31.9	119.
27.2	81.0	8251.8	350.0	-34.4	-43.3	288.5	30.4	29.3	-8.2	322.4	323.2	0.2	38.4	34.9	117.
29.1	85.4	8765.3	325.0	-38.9	-49.7	281.0	31.0	30.4	-5.9	323.1	323.9	0.9	39.9	38.5	116.
31.1	90.3	9309.2	300.0	-43.4	-59.7	278.3	37.8	37.3	-5.9	324.3	324.9	0.9	39.9	42.6	115.
33.2	95.0	9899.0	275.0	-48.2	-69.9	280.7	38.3	37.7	-7.1	325.4	325.9	0.9	39.9	46.6	113.
35.3	100.0	10509.3	250.0	-53.7	-79.9	275.3	38.0	33.9	-3.1	326.3	326.9	0.9	39.9	51.4	112.
37.8	105.3	11179.1	225.0	-58.9	-99.7	281.5	36.5	35.8	-7.3	328.2	328.9	0.9	39.9	56.3	111.
40.4	111.0	11917.2	200.0	-57.4	-99.9	280.1	40.7	40.1	-7.1	331.9	331.9	0.9	39.9	62.9	110.
43.4	117.3	12762.5	175.0	-55.1	-99.4	280.6	48.8	43.8	-16.4	338.9	338.9	0.9	39.9	70.7	109.
46.7	124.3	13719.1	150.0	-59.1	-99.9	280.8	38.4	36.3	-12.4	346.3	346.3	0.9	39.9	78.0	108.
50.7	131.7	14871.4	125.0	-63.0	-99.9	290.0	36.9	34.7	-12.6	350.9	350.9	0.9	39.9	89.0	110.
55.3	139.5	16235.4	100.0	-68.1	-99.9	288.7	38.9	36.6	-12.4	356.3	356.3	0.9	39.9	99.0	109.
61.3	147.7	17949.3	75.0	-69.5	-99.9	293.5	28.9	26.9	-11.7	427.1	427.1	0.9	39.9	111.4	109.
69.4	156.5	20400.3	50.0	-67.3	-99.9	291.2	8.1	7.5	-2.9	485.0	485.0	0.9	39.9	120.5	109.
80.2	164.7	24716.4	25.0	-61.2	-99.9	278.5	27.1	24.8	-4.0	610.4	610.4	0.9	39.9	132.4	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
MATTERAS, NC  
6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.5	4.0	1008.1	12.4	10.6	250.0	4.1	3.9	1.4	285.9	306.5	8.0	89.0	0.0	0.
0.4	6.1	71.9	1008.0	13.0	4.5	253.1	12.5	10.0	7.5	286.8	300.7	9.3	96.1	0.3	44.
1.2	8.5	285.0	975.0	13.4	4.8	232.9	13.4	10.7	8.1	289.3	304.1	9.5	96.0	0.9	49.
2.0	10.7	503.3	950.0	12.3	3.9	240.6	12.1	10.5	5.9	290.4	304.7	5.4	96.5	1.8	52.
2.9	13.0	726.5	925.0	11.3	3.0	244.8	14.6	13.2	6.2	291.5	305.4	5.1	96.7	2.2	56.
3.8	15.4	955.1	900.0	10.2	2.1	249.0	15.6	14.6	5.6	292.7	306.1	5.0	96.8	2.9	59.
4.7	17.8	1183.0	875.0	9.0	1.0	246.3	17.8	16.3	7.2	293.8	306.7	4.7	97.3	3.8	61.
5.5	20.3	1428.7	850.0	7.6	-0.1	247.7	19.2	17.8	7.3	294.7	307.0	4.5	97.7	4.8	62.
6.5	22.6	1674.4	825.0	6.3	-1.3	248.9	21.5	20.1	7.7	295.8	307.6	4.2	98.1	5.9	63.
7.5	25.2	1926.2	800.0	4.6	-2.6	246.2	25.4	23.2	10.2	296.5	307.4	3.9	98.4	7.2	64.
8.3	27.7	2184.0	775.0	2.5	-4.7	244.9	26.7	24.2	11.3	297.0	306.8	3.5	99.0	8.6	64.
9.3	30.3	2448.6	750.0	1.2	-5.8	245.3	27.5	25.0	11.5	298.3	307.8	3.3	99.6	10.2	64.
10.3	33.1	2725.6	725.0	-0.7	-7.4	245.6	28.7	26.2	11.6	299.1	307.8	3.0	60.3	12.0	65.
11.3	35.7	3000.6	700.0	-2.1	-8.7	245.2	31.0	28.1	13.0	300.5	308.7	2.8	60.7	13.6	65.
12.3	38.4	3288.9	675.0	-3.3	-9.8	245.2	32.4	29.4	13.6	302.2	310.2	2.7	60.9	15.7	65.
13.4	41.1	3586.5	650.0	-5.5	-11.7	246.7	35.2	32.3	13.9	303.0	310.1	2.4	61.8	17.7	65.
14.2	43.9	3892.9	625.0	-8.1	-14.0	246.5	38.6	35.5	15.4	303.4	309.6	2.1	62.4	19.7	65.
15.2	46.9	4209.8	600.0	-8.5	-14.4	244.8	37.1	33.5	15.9	306.5	312.9	2.1	62.5	22.0	65.
16.3	49.9	4539.1	575.0	-10.5	-16.2	244.1	40.19	36.1	17.6	307.8	313.8	1.9	63.2	24.3	65.
17.5	52.9	4879.7	550.0	-13.0	-18.4	245.0	40.59	36.7	17.1	308.8	313.9	1.6	64.0	27.5	65.
18.6	55.9	5232.6	525.0	-15.8	-20.6	244.8	45.58	41.1	19.4	309.9	314.3	1.4	64.7	29.9	65.
19.4	59.1	5599.3	500.0	-18.3	-23.1	243.7	47.89	42.8	21.2	310.9	314.6	1.2	65.3	32.5	65.
20.8	62.4	5980.3	475.0	-21.5	-26.0	245.7	46.86	42.7	19.3	311.5	314.8	1.0	66.3	36.2	65.
22.0	65.8	6377.3	450.0	-23.4	-27.8	246.0	57.38	52.4	23.3	313.8	316.7	0.9	67.0	39.8	65.
23.6	69.3	6792.7	425.0	-26.4	-30.9	247.2	60.98	56.1	23.6	315.2	317.4	0.7	65.4	45.9	65.
25.4	72.7	7229.0	400.0	-28.7	-34.3	247.2	61.38	56.9	23.8	317.7	319.8	0.5	67.9	52.2	65.
27.0	76.7	7687.7	375.0	-32.4	-37.4	245.4	70.38	63.9	29.3	318.7	319.8	0.4	60.1	58.4	65.
28.5	80.4	8170.4	350.0	-36.2	-42.9	246.6	74.74	66.9	29.0	319.8	320.7	0.2	49.8	65.0	65.
30.3	84.5	8680.7	325.0	-40.2	-49.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.9
32.2	88.7	9221.3	300.0	-44.4	-50.9	999.9	99.9	99.9	99.9	322.8	999.9	99.9	999.9	999.9	999.9
34.2	93.3	9797.7	275.0	-50.0	-50.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999.9
36.1	98.0	10413.3	250.0	-55.2	-50.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.9
38.2	103.0	11078.0	225.0	-59.2	-50.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999.9
40.6	108.4	11809.4	200.0	-63.0	-50.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.9
43.0	114.0	12655.8	175.0	-55.4	-50.9	999.9	99.9	99.9	99.9	358.5	999.9	99.9	999.9	999.9	999.9
45.8	120.3	13631.5	150.0	-58.6	-50.9	999.9	99.9	99.9	99.9	369.1	999.9	99.9	999.9	999.9	999.9
49.5	127.7	14765.7	125.0	-62.9	-50.9	999.9	99.9	99.9	99.9	381.2	999.9	99.9	999.9	999.9	999.9
53.3	135.7	16138.5	100.0	-62.5	-50.9	999.9	99.9	99.9	99.9	406.9	999.9	99.9	999.9	999.9	999.9
58.1	144.0	17894.6	75.0	-61.8	-50.9	999.9	99.9	99.9	99.9	443.4	999.9	99.9	999.9	999.9	999.9
65.1	153.5	20370.7	50.0	-65.4	-50.9	999.9	99.9	99.9	99.9	489.4	999.9	99.9	999.9	999.9	999.9
76.7	164.0	24631.5	25.0	-61.6	-50.9	999.9	99.9	99.9	99.9	607.6	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 311  
ATHENS, GA6 FEBRUARY 1975  
2115 GMT

139 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	246.0	981.0	9.3	3.3	280.0	7.7	7.6	-1.3	284.7	297.6	5.0	66.0	3.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.8	296.8	975.0	8.0	2.0	283.1	11.5	11.2	-2.6	283.8	295.8	4.6	65.6	0.3	79.
0.8	10.9	510.6	950.0	6.3	1.7	282.8	12.7	12.4	-2.8	284.2	296.1	4.6	72.6	0.6	105.
1.6	13.1	728.5	925.0	4.0	1.2	276.6	14.8	14.7	-1.7	284.0	295.9	4.5	81.9	1.2	103.
2.3	15.3	951.1	900.0	2.8	0.9	270.2	15.4	15.4	-0.1	285.0	297.0	4.5	87.1	1.9	99.
3.1	17.4	1179.0	875.0	1.4	0.3	265.2	15.1	15.0	1.3	285.8	297.6	4.5	92.8	2.6	96.
3.9	19.7	1411.9	850.0	-0.4	-1.9	269.6	16.2	16.2	0.1	286.2	296.7	3.9	89.4	3.4	94.
4.8	21.8	1650.1	825.0	-2.2	-3.5	271.4	14.4	14.4	-0.3	286.7	296.4	3.6	90.9	4.2	93.
5.7	24.2	1894.0	800.0	-3.6	-6.3	277.1	16.6	16.5	-2.1	287.7	295.9	3.0	81.6	4.9	93.
6.4	26.4	2144.7	775.0	-4.6	-9.7	275.0	19.0	19.7	-1.7	289.2	295.8	2.4	67.7	5.8	94.
7.3	28.9	2402.6	750.0	-4.9	-24.5	271.3	20.4	20.4	-0.5	291.4	293.5	0.7	20.0	6.8	94.
8.2	31.4	2668.3	725.0	-6.6	-30.2	269.1	22.6	22.6	0.3	292.3	293.8	0.4	13.3	7.9	93.
9.1	34.0	2942.0	700.0	-7.1	-29.5	263.8	28.2	28.1	3.0	296.2	297.1	0.5	14.7	9.3	92.
10.0	36.3	3224.8	675.0	-8.4	-35.8	257.8	30.9	30.2	6.5	296.2	297.1	0.3	8.8	11.0	91.
11.1	39.1	3516.8	650.0	-9.9	-24.0	255.1	38.4	37.1	9.9	297.9	300.5	0.8	30.4	13.1	88.
12.1	41.6	3818.8	625.0	-10.7	-38.0	256.1	39.5	38.4	9.5	300.2	300.9	0.2	8.4	15.5	86.
13.2	44.4	4132.3	600.0	-11.8	-29.0	255.3	44.7	43.3	11.3	302.5	304.4	0.6	23.5	18.1	85.
14.2	47.2	4457.3	575.0	-13.1	-21.3	250.5	50.2	47.3	16.8	304.6	308.5	1.2	49.8	20.6	83.
15.2	50.1	4794.7	550.0	-15.0	-17.9	248.6	56.24	52.3	20.5	306.5	311.7	1.7	78.5	24.2	81.
16.3	52.9	5145.0	525.0	-17.7	-17.8	248.1	55.44	51.4	20.7	307.3	312.8	1.8	99.6	27.5	80.
17.4	55.8	5509.7	500.0	-18.5	-21.8	247.3	60.14	55.4	23.2	310.6	314.8	1.3	75.4	31.1	78.
18.5	58.9	5891.9	475.0	-18.9	-29.0	244.3	61.76	55.6	26.7	314.6	317.0	0.7	40.4	35.8	77.
19.9	62.1	6292.7	450.0	-21.6	-33.6	242.3	62.18	54.9	28.9	316.1	317.8	0.5	32.5	40.1	75.
21.2	65.4	6711.0	425.0	-25.3	-35.3	243.9	63.98	57.4	28.2	316.9	318.0	0.4	32.6	45.6	74.
22.7	68.6	7148.1	400.0	-28.9	-40.4	245.2	65.59	59.4	27.5	317.4	318.4	0.3	32.0	51.0	73.
24.3	72.0	7606.0	375.0	-32.6	-43.6	243.6	65.68	58.7	29.1	318.4	319.2	0.2	32.0	57.4	72.
26.1	75.7	8086.2	350.0	-36.8	-47.9	242.3	60.88	53.8	28.3	319.0	319.6	0.1	30.3	63.3	71.
27.9	79.7	8596.3	325.0	-41.6	99.9	243.3	72.98	65.1	32.8	319.3	399.9	99.9	99.9	71.1	70.
29.8	83.6	9134.4	300.0	-45.7	99.9	99.9	99.9	99.9	99.9	320.9	99.9	99.9	99.9	99.9	99.9
32.0	87.6	9708.0	275.0	-50.3	99.9	99.9	99.9	99.9	99.9	322.4	99.9	99.9	99.9	99.9	99.9
34.1	92.0	10329.2	250.0	-50.7	99.9	99.9	99.9	99.9	99.9	330.7	99.9	99.9	99.9	99.9	99.9
35.8	96.7	11009.5	225.0	-55.1	99.9	99.9	99.9	99.9	99.9	334.2	99.9	99.9	99.9	99.9	99.9
37.8	101.6	11750.3	200.0	-61.3	99.9	99.9	99.9	99.9	99.9	335.7	99.9	99.9	99.9	99.9	99.9
40.0	107.3	12564.0	175.0	-59.5	99.9	99.9	99.9	99.9	99.9	337.7	99.9	99.9	99.9	99.9	99.9
43.3	113.3	13545.5	150.0	-60.3	99.9	99.9	99.9	99.9	99.9	336.1	99.9	99.9	99.9	99.9	99.9
47.1	119.8	14678.9	125.0	-61.5	99.9	99.9	99.9	99.9	99.9	383.7	99.9	99.9	99.9	99.9	99.9
51.7	127.3	16046.3	100.0	-64.8	99.9	99.9	99.9	99.9	99.9	402.7	99.9	99.9	99.9	99.9	99.9
57.9	136.0	17825.5	75.0	-61.0	99.9	99.9	99.9	99.9	99.9	445.1	99.9	99.9	99.9	99.9	99.9
67.0	144.5	20327.0	50.0	-63.8	99.9	99.9	99.9	99.9	99.9	493.1	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MR RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	8.2	275.0	972.3	10.6	6.7	120.0	1.5	-1.3	0.7	286.9	303.5	6.4	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	10.3	468.5	950.0	10.1	3.5	179.1	9.7	-0.1	9.7	288.1	301.8	5.2	63.4	0.2	333.
1.4	12.6	689.7	925.0	8.2	1.9	203.9	9.2	3.7	8.4	288.4	301.0	4.7	64.1	0.5	1.
2.2	15.0	915.4	900.0	6.6	1.0	206.8	9.4	4.2	8.4	288.9	301.1	4.6	67.7	0.9	14.
3.0	17.3	1146.1	875.0	4.5	0.0	208.6	13.3	6.3	11.7	289.0	300.8	4.4	72.7	1.4	18.
3.8	19.9	1381.4	850.0	2.2	-1.1	215.5	16.5	9.6	13.4	289.0	300.3	4.2	78.8	2.1	23.
4.5	22.2	1622.2	825.0	0.6	-1.1	216.1	18.0	10.6	14.6	289.8	301.4	4.3	88.0	2.9	26.
5.3	24.9	1869.4	800.0	-1.9	-3.0	218.6	18.8	11.7	14.7	289.6	300.0	3.8	92.5	3.7	29.
6.1	27.2	2120.3	775.0	-3.9	-5.2	225.9	18.6	13.4	12.9	290.0	299.2	3.4	91.3	4.6	31.
6.9	30.0	2378.6	750.0	-5.7	-7.6	233.2	20.4	16.3	12.2	290.7	298.7	2.9	86.2	5.5	34.
7.6	32.7	2643.7	725.0	-7.8	-9.9	238.9	21.5	18.4	11.1	291.2	298.2	2.5	84.7	6.4	37.
8.4	35.4	2916.3	700.0	-8.8	-10.2	244.7	22.4	20.2	9.5	293.0	300.1	2.5	89.6	7.4	41.
9.5	38.1	3197.3	675.0	-11.0	-12.3	247.2	24.1	23.0	9.6	293.6	299.9	2.2	89.9	8.8	45.
10.8	40.8	3486.2	650.0	-12.4	-17.9	247.0	27.1	25.4	10.6	295.1	299.3	1.4	83.8	10.7	49.
11.8	43.8	3784.8	625.0	-14.4	-24.3	250.0	28.1	26.4	9.6	296.0	298.6	0.8	42.5	12.4	52.
12.8	46.8	4093.3	600.0	-16.3	-25.1	252.5	29.4	28.1	8.9	297.4	299.9	0.6	46.2	14.0	54.
13.8	49.9	4412.5	575.0	-18.3	-26.7	253.3	34.3	32.9	9.8	298.7	301.0	0.7	47.2	15.7	56.
14.9	52.8	4744.3	550.0	-18.4	-27.6	252.4	44.6	42.6	13.5	302.3	304.5	0.7	44.3	18.2	59.
16.1	55.9	5090.7	525.0	-19.8	-31.1	247.9	52.0	48.2	19.6	304.5	306.3	0.5	35.9	21.8	61.
17.3	59.1	5451.6	500.0	-21.3	-22.8	244.6	56.1	50.7	24.1	307.2	311.0	1.2	86.9	25.4	61.
18.4	62.6	5828.9	475.0	-23.8	-24.7	244.6	58.89	53.1	25.2	308.6	312.1	1.1	92.3	29.4	62.
19.6	65.9	6221.8	450.0	-26.5	-27.1	242.7	65.39	58.0	29.9	310.0	312.9	0.9	94.4	33.8	62.
21.1	69.6	6635.2	425.0	-27.4	-32.6	241.5	68.48	60.1	32.6	314.0	315.9	0.6	60.8	39.9	62.
22.5	73.0	7068.5	400.0	-30.6	-40.0	241.0	76.76	67.2	37.2	315.2	316.2	0.3	38.8	45.9	62.
24.1	77.0	7523.3	375.0	-34.6	-46.4	240.7	68.88	60.0	33.7	315.8	316.3	0.2	28.4	52.4	62.
25.7	80.9	8002.1	350.0	-38.4	-50.8	999.9	99.9	99.9	99.9	316.9	317.3	0.1	25.4	99.9	99.9
27.4	85.0	8506.9	325.0	-42.7	99.9	999.9	99.9	99.9	99.9	317.8	999.9	99.9	99.9	99.9	99.9
29.3	89.2	9041.8	300.0	-47.2	99.9	999.9	99.9	99.9	99.9	318.8	999.9	99.9	99.9	99.9	99.9
31.3	93.8	9611.2	275.0	-52.0	99.9	999.9	99.9	99.9	99.9	320.0	999.9	99.9	99.9	99.9	99.9
33.6	98.4	10224.9	250.0	-53.2	99.9	999.9	99.9	99.9	99.9	327.0	999.9	99.9	99.9	99.9	99.9
35.8	103.5	10901.1	225.0	-56.3	99.9	999.9	99.9	99.9	99.9	332.2	999.9	99.9	99.9	99.9	99.9
38.2	109.0	11637.1	200.0	-62.9	99.9	999.9	99.9	99.9	99.9	333.2	999.9	99.9	99.9	99.9	99.9
40.9	114.8	12463.8	175.0	-60.7	99.9	999.9	99.9	99.9	99.9	339.8	999.9	99.9	99.9	99.9	99.9
44.5	121.3	13426.2	150.0	-59.1	99.9	999.9	99.9	99.9	99.9	368.3	999.9	99.9	99.9	99.9	99.9
48.0	128.3	14568.1	125.0	-59.9	99.9	999.9	99.9	99.9	99.9	368.5	999.9	99.9	99.9	99.9	99.9
54.1	135.8	15957.7	100.0	-59.1	99.9	999.9	99.9	99.9	99.9	413.7	999.9	99.9	99.9	99.9	99.9
60.7	143.0	17740.4	75.0	-61.6	99.9	999.9	99.9	99.9	99.9	443.9	999.9	99.9	99.9	99.9	99.9
70.3	181.0	20256.2	50.0	-63.4	99.9	999.9	99.9	99.9	99.9	484.0	999.9	99.9	99.9	99.9	99.9
88.7	199.3	24490.1	25.0	-61.7	99.9	999.9	99.9	99.9	99.9	607.6	999.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2319 GMT

161 13. 0

TIME M.N	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.0	180.0	995.9	-1.7	-2.5	300.0	6.1	5.3	-3.0	272.2	290.3	3.2	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	6.5	348.6	975.0	-3.1	-5.3	301.9	7.4	6.3	-3.9	272.4	279.2	2.6	84.5	0.4	130.
1.5	8.9	553.6	950.0	-4.9	-5.5	303.3	8.1	6.8	-4.4	272.6	279.4	2.7	95.3	0.7	127.
2.1	10.9	762.8	925.0	-6.6	-6.7	298.6	8.0	7.1	-3.9	272.9	279.4	2.5	99.0	1.0	125.
2.9	13.3	976.5	900.0	-8.1	-8.1	298.3	8.5	7.5	-4.0	273.5	279.5	2.3	99.4	1.4	123.
3.6	15.5	1195.1	875.0	-9.2	-9.2	298.9	8.4	7.4	-4.1	274.5	280.2	2.2	99.5	1.8	122.
4.6	17.7	1419.1	850.0	-9.8	-9.9	296.9	10.8	9.6	-4.9	276.1	281.7	2.1	99.4	2.3	121.
5.5	20.2	1649.7	825.0	-8.8	-9.2	293.3	10.9	10.0	-4.3	279.6	285.8	2.3	97.0	2.9	120.
6.5	22.4	1888.7	800.0	-8.3	-12.0	299.8	10.4	9.0	-5.1	282.5	287.8	1.9	74.9	3.6	119.
7.4	24.9	2134.8	775.0	-9.3	-14.5	307.9	10.0	7.9	-6.1	283.9	288.4	1.6	65.9	4.1	120.
8.3	27.2	2388.0	750.0	-10.6	-14.8	305.2	12.9	10.5	-7.4	285.2	289.8	1.6	71.1	4.7	121.
9.2	29.9	2648.3	725.0	-10.9	-15.6	304.0	14.0	11.6	-7.8	287.6	292.1	1.6	68.2	5.5	121.
10.1	32.6	2917.9	700.0	-11.8	-18.8	303.6	14.1	11.8	-7.8	289.6	293.2	1.2	55.7	6.2	122.
11.1	35.2	3195.7	675.0	-13.4	-20.8	301.8	14.8	12.5	-7.8	290.8	294.0	1.1	53.4	7.1	122.
12.1	37.8	3482.0	650.0	-15.4	-23.0	297.6	14.7	13.1	-6.8	291.7	294.4	0.9	51.8	8.0	122.
13.2	40.6	3777.4	625.0	-17.3	-25.9	291.6	16.1	15.0	-5.9	292.7	294.9	0.7	46.8	9.1	121.
14.3	43.4	4082.0	600.0	-19.4	-30.0	283.4	17.0	16.5	-3.9	293.7	295.3	0.5	38.4	10.1	119.
15.4	46.4	4397.1	575.0	-21.7	-31.7	278.5	17.2	17.0	-2.5	294.6	296.1	0.5	39.5	11.2	118.
16.5	49.4	4722.8	550.0	-24.5	-34.1	278.8	18.5	18.3	-2.8	295.1	296.3	0.4	40.0	12.4	115.
17.7	52.3	5059.8	525.0	-27.2	-36.3	277.1	19.5	19.3	-2.4	295.7	296.7	0.3	41.6	13.6	114.
19.0	55.5	5409.3	500.0	-30.4	-38.1	267.6	20.6	20.6	0.9	296.0	296.9	0.3	46.4	15.1	112.
20.4	58.7	5771.9	475.0	-33.2	-45.4	266.5	24.6	24.5	1.5	296.8	297.3	0.1	28.2	16.7	109.
21.9	62.1	6149.5	450.0	-36.3	-62.0	260.9	24.1	23.8	3.8	297.5	297.6	0.0	5.1	18.8	106.
23.5	65.6	6543.6	425.0	-39.6	99.9	255.9	25.3	24.5	6.2	298.3	299.9	99.9	999.9	20.9	103.
25.0	69.1	6954.9	400.0	-43.2	99.9	254.8	30.1	29.0	7.9	298.8	299.9	99.9	999.9	23.0	100.
26.7	72.7	7386.8	375.0	-45.5	99.9	256.1	33.3	32.3	8.0	301.4	299.9	99.9	999.9	25.9	97.
28.3	76.7	7849.8	350.0	-42.9	99.9	253.0	42.4	40.5	12.4	311.0	299.9	99.9	999.9	29.4	95.
30.1	80.7	8348.6	325.0	-44.4	99.9	247.8	48.6	45.0	18.3	315.5	299.9	99.9	999.9	33.7	91.
31.9	85.0	8883.7	300.0	-45.6	99.9	251.1	53.7	50.8	17.4	321.1	299.9	99.9	999.9	39.5	88.
34.0	89.3	9461.8	275.0	-47.4	99.9	252.6	50.9	48.6	15.2	326.7	299.9	99.9	999.9	45.4	84.
36.2	94.2	10090.3	250.0	-49.0	99.9	249.4	54.0	50.5	19.0	333.3	299.9	99.9	999.9	52.1	84.
38.6	99.0	10777.1	225.0	-50.2	99.9	253.1	50.2	48.1	14.6	341.6	299.9	99.9	999.9	60.3	82.
41.4	104.4	11546.4	200.0	-51.9	99.9	253.1	51.0	48.8	14.8	350.6	299.9	99.9	999.9	68.0	81.
44.3	110.3	12408.1	175.0	-52.4	99.9	257.2	46.0	44.9	10.2	363.5	299.9	99.9	999.9	77.1	80.
48.0	116.5	13404.4	150.0	-54.5	99.9	253.5	44.0	42.2	12.5	376.2	299.9	99.9	999.9	86.9	79.
51.8	123.7	14562.8	125.0	-57.7	99.9	252.0	47.7	45.3	14.7	390.6	299.9	99.9	999.9	96.5	79.
56.7	131.7	15965.7	100.0	-59.6	99.9	264.2	46.2	46.0	4.7	412.5	299.9	99.9	999.9	109.3	79.
62.2	140.0	17644.5	75.0	-60.6	99.9	261.6	32.7	32.3	4.8	445.8	299.9	99.9	999.9	119.8	79.
69.9	149.3	20278.4	50.0	-64.0	99.9	253.8	26.5	26.5	7.4	492.7	299.9	99.9	999.9	132.8	79.
81.8	158.7	24549.4	25.0	-60.7	99.9	260.1	35.1	34.6	6.0	610.4	299.9	99.9	999.9	180.4	79.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

1 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

156 20. 1

TIME MIN	CNTCT	HEIGHT CPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	M. WTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	79.0	1013.2	0.0	-7.3	300.0	7.7	6.7	-3.8	272.4	278.1	2.2	58.0	0.0	0.
0.3	5.6	184.0	1000.0	-1.2	-8.7	124.0	3.1	-2.6	1.7	272.2	277.4	2.0	56.5	0.6	119.
1.2	7.8	384.9	975.0	-3.7	-10.2	295.8	5.5	4.9	-2.4	271.6	276.4	1.8	60.6	0.6	118.
2.0	10.1	589.3	950.0	-5.9	-9.8	301.4	10.8	9.3	-5.6	271.5	276.5	1.9	73.6	1.1	118.
2.7	12.3	797.4	925.0	-8.1	-10.2	314.3	8.8	6.3	-6.1	271.3	276.3	1.9	84.3	1.5	120.
3.5	14.7	1009.7	900.0	-9.5	-11.0	330.9	9.8	4.8	-8.6	271.9	276.8	1.8	89.1	1.9	126.
4.3	16.9	1226.9	875.0	-11.1	-11.9	326.7	10.2	5.6	-8.5	272.5	277.1	1.8	93.9	2.3	130.
5.0	19.4	1450.7	850.0	-9.3	-13.4	309.8	10.0	7.7	-6.4	276.6	280.9	1.6	72.1	2.7	132.
5.9	21.7	1682.8	825.0	-6.9	-14.0	299.2	11.3	9.9	-5.5	281.5	285.8	1.6	56.8	3.3	130.
6.8	24.2	1923.0	800.0	-6.8	-13.6	310.4	13.0	9.9	-8.4	284.1	288.7	1.7	58.2	4.0	129.
7.7	26.6	2171.6	775.0	-5.8	-14.6	315.6	15.5	10.8	-11.1	287.8	292.3	1.6	49.5	4.7	130.
8.6	29.2	2428.1	750.0	-6.8	-18.3	311.9	15.8	11.7	-10.5	289.4	292.9	1.2	39.2	5.6	131.
9.7	31.9	2691.9	725.0	-8.4	-22.9	307.8	16.5	13.1	-10.1	290.4	292.9	0.8	29.7	6.6	131.
10.7	34.6	2963.7	700.0	-9.6	-26.9	305.7	18.6	15.1	-10.8	291.9	293.4	0.5	18.9	7.7	130.
11.6	37.1	3243.5	675.0	-11.6	-31.3	303.9	19.0	15.7	-10.6	292.7	294.0	0.4	17.6	8.8	130.
12.6	40.0	3531.5	650.0	-13.2	-34.8	299.2	20.3	17.7	-9.9	294.1	295.1	0.3	14.2	9.9	129.
13.7	42.7	3829.2	625.0	-15.4	-36.9	296.4	21.0	18.8	-9.3	294.8	295.7	0.3	13.7	11.2	127.
14.7	45.6	4136.0	600.0	-18.0	-37.2	294.0	22.0	20.1	-8.9	295.3	296.1	0.3	16.6	12.5	126.
15.8	48.6	4452.2	575.0	-20.8	-39.2	290.4	23.8	21.4	-8.0	295.6	296.3	0.2	17.3	13.9	125.
17.1	51.4	4778.9	550.0	-23.4	-41.7	288.4	22.8	22.6	-7.5	296.3	296.9	0.2	16.6	15.7	123.
18.3	54.6	5117.0	525.0	-26.6	-44.0	285.5	24.4	23.6	-6.5	296.5	297.0	0.1	17.3	17.4	121.
19.7	57.6	5467.2	500.0	-29.7	-46.2	286.3	26.7	25.6	-7.5	296.7	297.1	0.1	18.2	19.5	119.
21.4	61.0	5831.0	475.0	-31.4	-47.9	292.4	24.5	22.6	-9.3	299.1	299.4	0.1	17.7	22.1	118.
23.0	64.4	6213.9	450.0	-31.3	-47.7	300.3	26.9	23.2	-12.6	303.9	304.3	0.1	17.7	24.6	118.
24.5	67.7	6617.4	425.0	-33.1	-49.5	302.4	28.7	24.2	-13.4	306.5	306.8	0.1	17.2	27.0	118.
26.2	71.1	7041.3	400.0	-35.7	-51.8	298.4	28.6	25.2	-13.6	308.5	308.8	0.1	17.4	29.9	118.
27.8	74.9	7488.4	375.0	-37.7	-52.8	292.5	29.4	27.2	-11.3	311.7	311.9	0.1	18.6	32.8	118.
29.9	78.7	7961.9	350.0	-40.2	-59.9	284.0	37.7	36.6	-9.2	314.6	314.9	0.1	99.9	36.8	117.
31.9	82.5	8464.8	325.0	-42.8	-59.9	275.7	36.9	36.7	-3.7	317.7	317.9	0.1	99.9	41.4	115.
33.6	86.5	9061.2	300.0	-46.1	-59.9	273.7	42.0	41.9	-2.7	320.5	320.9	0.1	99.9	45.2	113.
36.0	91.0	9574.0	275.0	-49.1	-59.9	272.4	49.1	49.0	-2.0	324.1	324.1	0.1	99.9	51.0	111.
38.3	95.7	10196.7	250.0	-51.1	-59.9	274.6	54.0	53.8	-4.4	330.0	330.0	0.1	99.9	58.1	109.
41.1	100.5	10880.9	225.0	-52.4	-59.9	272.2	57.5	57.4	-2.2	338.2	338.2	0.1	99.9	67.0	107.
44.1	105.8	11641.6	200.0	-52.7	-59.9	274.5	49.5	49.3	-3.9	349.3	349.3	0.1	99.9	76.2	105.
47.5	111.5	12502.2	175.0	-54.0	-59.9	273.4	41.3	41.3	-2.4	360.8	360.8	0.1	99.9	85.8	104.
51.4	117.7	13489.6	150.0	-54.9	-59.9	272.1	45.0	45.1	-1.6	375.5	375.5	0.1	99.9	95.5	103.
55.9	124.7	14644.9	125.0	-57.3	-59.9	259.8	32.5	31.9	-5.7	391.2	391.2	0.1	99.9	106.5	101.
61.0	132.3	16048.4	100.0	-60.5	-59.9	270.9	44.1	44.1	-0.7	410.9	410.9	0.1	99.9	119.2	100.
67.4	140.6	17831.5	75.0	-62.5	-59.9	278.3	41.1	40.7	-6.0	441.9	441.9	0.1	99.9	130.3	99.
73.7	148.3	20339.5	50.0	-63.0	-59.9	268.1	16.9	16.8	0.6	495.0	495.0	0.1	99.9	144.4	98.
80.1	157.3	24612.7	25.0	-62.3	-59.9	267.0	36.0	36.3	1.9	606.0	606.0	0.1	99.9	157.2	97.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	438.0	970.5	-9.5	-13.1	300.0	6.2	5.4	-3.1	266.1	269.8	1.4	75.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	6.5	602.7	950.0	-11.1	-14.3	295.6	9.6	8.6	-4.1	266.1	269.6	1.3	77.0	0.3	123.
1.3	10.5	806.9	925.0	-13.1	-15.2	304.0	9.1	7.5	-5.1	266.1	269.6	1.3	77.0	0.3	123.
2.1	12.6	1014.9	900.0	-15.2	-15.9	316.1	9.4	6.5	-6.7	266.1	269.2	1.2	84.2	0.6	120.
2.7	14.8	1227.1	875.0	-16.2	-17.0	324.0	10.3	5.9	-8.4	267.1	270.1	1.1	93.7	1.1	129.
3.7	16.9	1447.1	850.0	-13.1	-15.6	324.9	12.9	6.7	-11.0	272.6	276.2	1.3	81.0	2.1	135.
4.4	19.2	1675.0	825.0	-12.2	-15.2	321.5	14.5	9.0	-11.3	275.9	279.8	1.4	77.9	2.7	137.
5.4	21.5	1910.7	800.0	-11.8	-15.4	321.5	15.2	9.5	-11.9	278.8	282.7	1.4	74.5	3.5	138.
6.1	23.8	2154.3	775.0	-10.8	-15.3	320.8	17.5	11.1	-13.6	282.3	286.5	1.5	69.4	4.3	139.
7.1	26.1	2404.6	750.0	-10.5	-17.6	311.5	19.7	14.7	-13.0	285.3	288.9	1.3	55.9	5.4	138.
8.1	28.6	2672.2	725.0	-11.5	-18.9	305.1	19.1	15.7	-10.3	289.4	290.4	1.2	53.9	6.5	136.
9.0	31.4	2972.2	700.0	-11.9	-24.2	300.9	20.1	17.2	-10.3	289.4	291.7	0.8	35.2	7.4	135.
9.9	34.1	3213.4	675.0	-14.1	-24.5	296.4	19.9	17.8	-8.9	290.0	292.3	0.8	40.7	8.6	132.
11.0	36.8	3499.0	650.0	-16.0	-26.4	293.7	18.9	17.3	-7.6	290.9	293.0	0.7	40.1	9.7	130.
11.9	39.5	3793.8	625.0	-17.6	-29.6	295.5	20.0	18.1	-8.6	292.3	293.9	0.5	34.0	10.9	128.
13.1	42.3	4098.3	600.0	-19.4	-32.3	300.4	19.2	16.6	-9.7	293.7	295.0	0.4	30.7	12.1	127.
14.2	45.3	4413.8	575.0	-20.7	-31.6	304.8	20.2	16.6	-11.5	295.7	297.2	0.5	36.8	13.5	127.
15.3	48.3	4740.9	550.0	-23.3	-33.2	306.7	21.1	16.9	-12.6	296.5	297.8	0.4	39.2	14.8	127.
16.7	51.2	5079.6	525.0	-25.6	-35.4	307.8	20.8	16.5	-12.8	297.7	298.8	0.4	39.0	16.6	127.
17.9	54.5	5432.0	500.0	-27.7	-37.3	309.8	23.6	18.1	-15.1	299.3	300.3	0.3	39.1	18.1	127.
19.2	57.6	5799.5	475.0	-29.9	-40.0	310.0	26.4	20.2	-17.0	300.9	301.7	0.2	36.5	20.3	127.
20.6	61.1	6182.5	450.0	-32.9	-42.8	31.6	24.5	17.7	-16.9	301.9	302.5	0.2	36.1	22.2	126.
21.9	64.9	6581.9	425.0	-36.0	-45.6	313.3	23.6	17.2	-16.2	302.8	303.3	0.1	36.0	24.2	128.
23.4	68.4	6999.5	400.0	-39.9	-49.9	310.2	26.8	20.5	-17.3	303.1	304.9	99.9	99.9	26.4	128.
25.1	72.2	7436.9	375.0	-43.7	-49.9	308.0	30.4	23.9	-18.7	303.8	308.9	99.9	99.9	29.4	129.
26.9	76.3	7897.6	350.0	-47.0	-49.9	307.5	34.1	27.1	-20.8	305.3	309.9	99.9	99.9	32.7	128.
28.8	80.6	8364.7	325.0	-49.9	-49.9	305.0	38.4	31.4	-22.0	307.9	309.9	99.9	99.9	36.8	128.
30.8	85.0	8906.8	300.0	-50.2	-49.9	291.9	42.0	38.4	-17.0	314.6	309.9	99.9	99.9	41.4	128.
32.9	89.6	9472.5	275.0	-52.3	-49.9	288.2	45.5	43.2	-14.2	319.5	309.9	99.9	99.9	46.3	125.
35.1	94.8	10089.5	250.0	-52.9	-49.9	281.4	44.6	43.7	-8.8	327.5	309.9	99.9	99.9	51.5	123.
37.6	99.8	10765.6	225.0	-53.7	-49.9	280.8	34.7	34.1	-6.5	336.3	309.9	99.9	99.9	57.6	121.
40.1	105.3	11531.3	200.0	-51.2	-49.9	282.1	47.3	46.2	-9.9	351.8	309.9	99.9	99.9	64.4	119.
43.3	111.3	12394.9	175.0	-52.3	-49.9	281.7	42.5	41.6	-8.6	363.5	309.9	99.9	99.9	71.3	117.
47.3	118.0	13385.8	150.0	-54.8	-49.9	283.9	32.1	31.1	-7.7	375.7	309.9	99.9	99.9	80.2	116.
51.5	125.3	14548.3	125.0	-56.6	-49.9	281.8	35.9	35.2	-7.4	392.6	309.9	99.9	99.9	88.0	114.
56.8	133.0	15955.1	100.0	-57.9	-49.9	273.2	28.9	28.9	-1.6	415.9	309.9	99.9	99.9	98.5	113.
63.3	141.0	17757.4	75.0	-61.2	-49.9	274.6	26.8	26.7	-2.2	444.7	309.9	99.9	99.9	107.0	111.
72.2	149.3	20272.1	50.0	-62.2	-49.9	281.3	28.9	28.3	-5.7	467.0	309.9	99.9	99.9	120.8	110.
86.9	158.3	24541.9	25.0	-62.8	-49.9	270.9	24.5	24.5	-0.4	604.5	309.9	99.9	99.9	134.6	108.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.1	1095.0	895.8	-0.1	-12.0	220.0	2.1	1.3	1.6	282.0	286.7	1.7	40.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	15.8	1282.6	875.0	-2.0	-12.5	233.1	1.2	0.9	0.7	281.9	286.5	1.7	44.4	0.1	37.
1.6	18.0	1512.2	850.0	-3.1	-16.3	238.0	0.5	0.4	0.3	283.0	286.6	1.3	35.3	0.2	38.
2.5	20.2	1748.3	825.0	-4.0	-18.1	274.2	4.4	4.4	-0.3	284.5	287.7	1.1	32.4	0.2	55.
3.6	22.3	1990.6	800.0	-4.9	-20.7	272.2	7.5	7.5	-0.3	286.0	288.7	0.9	27.8	0.6	81.
4.3	24.5	2240.0	775.0	-5.3	-20.6	280.9	5.5	5.4	-1.0	288.2	291.0	1.0	28.7	0.9	85.
5.4	26.7	2496.7	750.0	-6.8	-22.5	286.6	8.1	7.8	-2.3	289.3	291.8	0.8	27.4	1.3	92.
6.3	29.1	2760.3	725.0	-8.6	-22.3	295.0	8.3	7.5	-3.5	290.2	292.8	0.9	31.7	1.8	96.
7.3	31.6	3031.7	700.0	-9.9	-27.5	318.5	10.0	6.4	-7.5	291.8	293.3	0.6	22.0	2.3	103.
8.4	34.1	3311.2	675.0	-11.4	-33.1	310.4	10.9	8.3	-7.0	292.9	294.0	0.3	14.5	2.8	111.
9.4	36.6	3600.0	650.0	-12.9	-37.4	302.4	12.4	10.4	-6.6	294.3	295.1	0.2	10.7	3.5	113.
10.5	39.2	3898.1	625.0	-14.5	-39.0	303.5	12.1	10.1	-6.7	295.9	296.6	0.2	10.3	4.3	115.
11.6	41.7	4206.0	600.0	-16.6	-40.5	307.4	12.6	10.0	-7.7	296.9	297.5	0.2	10.5	5.1	117.
12.6	44.5	4524.6	575.0	-18.4	-41.8	307.2	11.6	9.3	-7.0	298.4	299.0	0.2	10.7	5.9	119.
13.8	47.4	4855.4	550.0	-20.2	-43.1	310.0	12.1	9.3	-7.6	300.0	300.6	0.2	10.9	6.7	119.
14.9	50.3	5198.5	525.0	-22.3	-44.5	308.8	15.0	11.7	-9.4	301.6	302.1	0.1	11.1	7.6	121.
16.2	53.3	5555.7	500.0	-24.2	-45.9	310.7	17.1	13.0	-11.2	303.5	303.9	0.1	11.3	8.6	122.
17.5	56.3	5928.2	475.0	-26.1	-47.3	314.4	20.3	14.5	-14.2	305.6	306.0	0.1	11.5	10.2	123.
18.8	59.5	6318.4	450.0	-27.7	-48.5	309.7	25.6	19.7	-16.4	308.3	308.7	0.1	11.7	12.0	125.
20.2	63.0	6727.7	425.0	-29.3	-49.6	308.1	30.0	23.6	-18.5	311.5	311.8	0.1	11.8	14.3	125.
21.6	66.3	7160.0	400.0	-30.4	-50.5	308.3	39.3	30.8	-24.3	315.4	315.7	0.1	12.0	17.2	126.
23.1	70.0	7616.3	375.0	-33.2	-52.5	308.0	39.4	31.1	-24.3	317.5	317.6	0.1	12.3	20.8	126.
24.8	73.7	8097.6	350.0	-36.5	-55.0	303.2	41.7	34.9	-22.6	319.4	319.6	0.1	12.6	24.9	126.
26.3	77.7	8609.5	325.0	-38.8	-56.7	301.7	50.5	42.9	-26.6	323.1	323.3	0.1	12.9	29.0	126.
28.0	81.8	9153.1	300.0	-44.0	-59.9	301.7	51.9	44.1	-27.3	323.4	323.9	99.9	99.9	34.5	125.
30.1	86.2	9730.4	275.0	-49.5	-59.9	301.7	53.0	45.6	-28.2	323.6	323.9	99.9	99.9	40.7	124.
32.1	91.0	10347.7	250.0	-53.7	-59.9	299.1	54.1	47.2	-26.3	326.2	326.9	99.9	99.9	47.4	124.
34.0	95.8	11026.8	225.0	-54.9	-59.9	304.0	55.3	45.9	-30.9	334.4	334.9	99.9	99.9	53.4	124.
36.7	101.2	11773.5	200.0	-55.9	-59.9	292.6	61.7	56.9	-23.7	344.2	344.9	99.9	99.9	60.4	123.
39.0	107.3	12620.4	175.0	-56.1	-59.9	292.9	48.9	45.1	-19.1	357.4	357.9	99.9	99.9	67.2	122.
43.1	113.5	13598.5	150.0	-58.1	-59.9	300.2	29.3	25.4	-14.7	370.0	370.9	99.9	99.9	78.4	121.
47.3	120.5	14737.3	125.0	-62.2	-59.9	298.9	63.1	55.2	-30.5	382.4	382.9	99.9	99.9	90.5	120.
52.3	128.0	16114.0	100.0	-63.1	-59.9	292.4	41.0	37.9	-15.7	405.0	405.9	99.9	99.9	99.7	120.
58.6	136.3	17878.2	75.0	-65.5	-59.9	295.9	31.3	28.1	-13.6	435.7	435.9	99.9	99.9	112.1	119.
64.8	144.3	20367.1	50.0	-62.9	-59.9	164.9	8.6	-2.2	-8.3	495.4	495.9	99.9	99.9	121.6	119.
79.7	152.3	24636.6	25.0	-61.1	-59.9	293.1	27.3	25.1	-10.7	609.3	609.9	99.9	99.9	134.1	118.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.4	4.0	1005.6	10.0	4.6	99.9	99.9	99.9	99.9	263.4	297.1	5.3	69.0	999.9	999.9
0.2	5.8	50.6	1000.0	10.7	3.6	99.9	99.9	99.9	99.9	264.5	297.5	5.0	61.3	999.9	999.9
0.4	8.1	261.4	975.0	9.8	1.9	99.9	99.9	99.9	99.9	265.6	297.5	4.5	57.7	999.9	999.9
0.6	10.4	476.9	950.0	8.3	0.5	99.9	99.9	99.9	99.9	266.2	297.4	4.2	57.7	999.9	999.9
0.8	12.6	696.5	925.0	6.4	-1.0	99.9	99.9	99.9	99.9	266.4	296.7	3.8	56.8	999.9	999.9
1.0	15.1	920.3	900.0	4.3	0.1	99.9	99.9	99.9	99.9	266.5	297.9	4.3	73.8	999.9	999.9
1.2	17.4	1140.3	875.0	2.2	0.2	99.9	99.9	99.9	99.9	266.7	298.4	4.4	86.3	999.9	999.9
1.4	19.9	1362.8	850.0	0.3	-0.5	99.9	99.9	99.9	99.9	267.0	298.6	4.3	94.2	999.9	999.9
1.6	22.3	1621.8	825.0	-1.6	-2.1	99.9	99.9	99.9	99.9	267.4	298.1	4.0	96.2	999.9	999.9
1.8	25.0	1864.2	800.0	-3.4	-4.0	99.9	99.9	99.9	99.9	267.9	297.6	3.6	96.1	999.9	999.9
2.0	27.4	2116.9	775.0	-5.2	-5.2	99.9	99.9	99.9	99.9	268.6	297.2	3.1	92.8	999.9	999.9
2.2	30.2	2374.9	750.0	-3.9	-30.7	99.9	99.9	99.9	99.9	269.2	293.7	0.4	10.6	999.9	999.9
2.4	33.0	2647.0	725.0	-4.8	-21.5	99.9	99.9	99.9	99.9	269.3	297.1	0.9	25.5	999.9	999.9
2.6	35.8	2916.7	700.0	-7.5	-22.8	99.9	99.9	99.9	99.9	269.4	296.4	0.9	28.1	999.9	999.9
2.8	38.8	3188.3	675.0	-10.4	-24.6	99.9	99.9	99.9	99.9	269.1	296.4	0.8	29.8	999.9	999.9
3.0	41.5	3487.8	650.0	-12.5	-17.6	99.9	99.9	99.9	99.9	269.0	299.3	1.5	65.5	999.9	999.9
3.2	44.6	3786.4	625.0	-14.1	-16.5	99.9	99.9	99.9	99.9	268.5	301.5	1.7	61.7	999.9	999.9
3.4	47.8	4095.9	600.0	-15.2	-17.9	99.9	99.9	99.9	99.9	268.7	303.3	1.5	79.5	999.9	999.9
3.6	50.8	4416.4	575.0	-17.3	-19.8	99.9	99.9	99.9	99.9	269.8	304.0	1.4	80.8	999.9	999.9
3.8	54.0	4748.4	550.0	-19.5	-22.0	99.9	99.9	99.9	99.9	301.1	304.7	1.2	80.5	999.9	999.9
4.0	57.2	5093.2	525.0	-21.1	-23.9	99.9	99.9	99.9	99.9	303.2	306.5	1.1	78.0	999.9	999.9
4.2	60.7	5452.0	500.0	-23.2	-25.6	99.9	99.9	99.9	99.9	304.8	307.8	0.9	80.1	999.9	999.9
4.4	64.4	5826.9	475.0	-24.7	-27.2	99.9	99.9	99.9	99.9	307.5	310.3	0.9	79.5	999.9	999.9
4.6	67.9	6219.2	450.0	-26.3	-29.0	99.9	99.9	99.9	99.9	310.2	312.7	0.8	78.0	999.9	999.9
4.8	71.6	6630.0	425.0	-29.5	-33.0	99.9	99.9	99.9	99.9	311.2	313.0	0.6	71.6	999.9	999.9
5.0	75.7	7059.5	400.0	-33.5	-37.8	99.9	99.9	99.9	99.9	311.4	312.7	0.4	64.7	999.9	999.9
5.2	79.8	7509.8	375.0	-35.7	-39.3	99.9	99.9	99.9	99.9	314.3	315.4	0.3	69.3	999.9	999.9
5.4	84.0	7986.9	350.0	-39.3	-44.8	99.9	99.9	99.9	99.9	315.7	316.4	0.2	54.8	999.9	999.9
5.6	88.4	8490.9	325.0	-43.1	-49.9	99.9	99.9	99.9	99.9	317.3	309.9	99.9	99.9	999.9	999.9
5.8	93.2	9024.6	300.0	-47.6	-54.9	99.9	99.9	99.9	99.9	318.2	309.9	99.9	99.9	999.9	999.9
6.0	98.0	9593.6	275.0	-52.4	-59.9	99.9	99.9	99.9	99.9	319.4	309.9	99.9	99.9	999.9	999.9
6.2	103.3	10204.2	250.0	-56.2	-64.9	99.9	99.9	99.9	99.9	322.6	309.9	99.9	99.9	999.9	999.9
6.4	109.0	10870.7	225.0	-57.6	-69.9	99.9	99.9	99.9	99.9	330.3	309.9	99.9	99.9	999.9	999.9
6.6	115.0	11607.0	200.0	-62.0	-74.9	99.9	99.9	99.9	99.9	334.6	309.9	99.9	99.9	999.9	999.9
6.8	121.5	12467.5	175.0	-57.3	-79.9	99.9	99.9	99.9	99.9	335.3	309.9	99.9	99.9	999.9	999.9
7.0	128.5	13422.4	150.0	-57.8	-84.9	99.9	99.9	99.9	99.9	370.5	309.9	99.9	99.9	999.9	999.9
7.2	136.0	14568.6	125.0	-58.6	-89.9	99.9	99.9	99.9	99.9	389.0	309.9	99.9	99.9	999.9	999.9
7.4	143.3	15964.7	100.0	-61.1	-94.9	99.9	99.9	99.9	99.9	409.7	309.9	99.9	99.9	999.9	999.9
7.6	151.3	17741.0	75.0	-64.1	-99.9	99.9	99.9	99.9	99.9	438.6	309.9	99.9	99.9	999.9	999.9
7.8	160.0	20221.8	50.0	-62.7	-99.9	99.9	99.9	99.9	99.9	495.7	309.9	99.9	99.9	999.9	999.9
8.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	309.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 19 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA  
6 FEBRUARY 1975  
2315 GMT

TIME M/T	CNTCT	HEIGHT GPH	PHES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/EG	RM PCT	RANGE KM	AZ DG
0.0	7.3	85.0	995.6	5.6	-0.4	320.0	2.1	1.3	-1.6	279.6	289.3	3.7	65.0	0.0	0.
0.0	99.0	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	9.2	250.1	915.0	5.2	-2.9	335.6	6.1	2.5	-5.5	280.8	289.2	3.2	59.7	0.2	152.
1.3	11.3	467.8	950.0	4.0	-3.0	326.1	6.4	3.6	-5.4	281.7	290.2	3.2	60.0	0.5	153.
1.9	13.6	463.9	925.0	1.1	-4.1	309.4	6.1	6.3	-5.2	281.8	290.0	3.1	63.0	0.7	148.
2.5	15.7	904.9	900.0	1.4	-4.2	289.1	6.8	6.3	-2.9	283.3	291.6	3.1	66.3	1.0	139.
3.2	18.1	1131.1	875.0	-0.2	-4.0	276.4	7.9	7.9	-0.6	284.0	292.7	3.3	75.0	1.3	129.
4.0	20.4	1362.7	850.0	-1.9	-4.0	251.4	8.0	5.7	1.9	284.5	293.5	3.4	85.9	1.6	121.
4.7	22.0	1592.5	825.0	-3.7	-4.0	236.8	6.2	5.2	3.4	285.1	294.4	3.5	97.9	1.7	110.
5.4	25.1	1842.0	800.0	-5.1	-5.1	223.1	7.2	5.0	5.3	286.2	295.0	3.3	100.4	1.8	104.
6.2	27.4	2091.7	775.0	-6.0	-6.0	219.3	7.7	4.9	5.9	287.8	296.4	3.2	101.2	2.0	96.
7.0	30.0	2348.3	750.0	-6.7	-6.7	220.1	8.0	5.8	6.9	288.6	298.1	3.1	101.5	2.2	88.
7.9	32.6	2612.4	725.0	-6.3	-9.3	223.3	10.7	7.8	7.2	289.5	298.8	2.6	100.8	2.6	80.
8.6	35.2	2882.0	700.0	-11.6	-12.6	243.8	13.9	12.5	6.1	289.9	295.7	2.1	91.8	3.2	74.
9.7	37.8	3160.6	675.0	-13.4	-14.7	253.4	17.6	16.9	5.0	290.9	296.1	1.8	89.5	4.1	74.
10.5	40.4	3447.3	650.0	-15.2	-16.3	259.9	19.4	18.4	6.4	292.0	296.7	1.6	91.1	5.0	74.
11.4	43.1	3743.3	625.0	-15.6	-16.4	243.2	21.8	19.5	9.0	294.8	299.7	1.7	93.5	6.1	73.
12.4	46.0	4050.8	600.0	-17.0	-18.0	240.3	23.8	20.6	11.0	296.7	301.2	1.5	91.2	7.4	70.
13.3	49.1	4369.3	575.0	-19.0	-20.2	241.2	25.1	22.0	12.1	297.9	301.9	1.3	90.1	8.0	64.
14.3	51.8	4699.0	550.0	-21.4	-22.6	241.2	27.2	23.9	13.1	299.8	302.3	1.1	89.6	10.3	68.
15.3	54.9	5040.6	525.0	-23.8	-25.2	243.8	27.6	22.4	16.0	299.8	302.7	0.9	88.7	12.0	67.
16.4	57.2	5395.5	500.0	-26.2	-28.4	231.8	30.6	24.0	18.9	301.1	303.4	0.7	81.7	14.2	64.
17.6	61.1	5764.6	475.0	-29.1	-31.8	239.6	35.3	30.4	17.9	302.0	303.8	0.6	77.0	16.5	63.
19.0	66.6	6149.2	450.0	-31.8	-35.1	243.7	44.4	38.5	17.9	303.3	304.7	0.4	72.2	19.2	63.
20.4	67.0	6551.3	425.0	-34.0	-37.4	248.2	53.9	49.3	21.7	305.4	306.6	0.4	70.8	23.2	64.
21.7	71.1	6976.2	400.0	-36.6	-39.3	243.6	67.8	60.8	30.1	311.3	312.7	0.4	76.3	28.0	64.
23.0	75.0	7426.5	375.0	-38.2	-39.7	241.6	72.5	63.7	34.5	313.6	314.7	0.3	69.4	33.5	64.
24.2	78.0	7902.4	350.0	-39.2	-42.6	240.1	72.7	63.1	36.2	315.8	316.7	0.2	70.1	38.0	63.
25.7	82.6	8406.1	325.0	-43.5	99.9	239.1	77.30	66.3	39.7	316.7	999.9	99.9	999.9	45.6	63.
27.6	84.0	8938.1	300.0	-48.8	99.9	237.2	72.30	65.0	39.2	316.6	999.9	99.9	999.9	53.9	62.
29.3	91.2	9503.9	275.0	-52.5	99.9	238.0	76.60	65.0	40.6	319.3	999.9	99.9	999.9	61.9	61.
31.3	97.7	10114.8	250.0	-56.3	99.9	239.0	80.60	65.4	41.0	322.5	999.9	99.9	999.9	70.6	61.
33.5	100.7	10785.3	225.0	-54.7	99.9	240.6	73.00	63.6	35.9	330.7	999.9	99.9	999.9	80.6	61.
35.7	104.0	11534.4	200.0	-57.7	99.9	240.2	81.60	70.8	40.6	341.4	999.9	99.9	999.9	90.1	61.
38.7	111.0	12375.5	175.0	-58.5	99.9	240.9	63.50	58.5	24.9	353.4	999.9	99.9	999.9	101.4	61.
42.1	118.0	13344.0	150.0	-58.4	99.9	240.4	71.700	67.1	25.3	368.5	999.9	99.9	999.9	113.3	62.
45.0	125.0	14502.1	125.0	-56.3	99.9	244.1	66.000	41.3	20.1	391.0	999.9	99.9	999.9	123.9	63.
50.7	132.7	15911.9	100.0	-57.1	99.9	248.0	32.200	30.1	11.7	417.4	999.9	99.9	999.9	136.3	63.
57.0	141.0	17716.3	75.0	-61.6	99.9	248.7	26.600	24.4	10.5	443.7	999.9	99.9	999.9	146.4	63.
99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
MUNTINGTON, NVA6 FEBRUARY 1975  
2315 GMT

TIME MIN	CHTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM MCT	RANGE KM	AZ DEG
0.0	7.1	240.0	981.4	0.0	-1.6	290.0	5.1	4.8	-1.7	275.1	284.0	3.5	89.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	7.6	298.5	975.0	-0.3	-1.6	284.7	6.3	6.1	-1.6	275.3	284.2	3.5	91.1	0.1	01.
0.9	9.6	595.9	950.0	-2.1	-2.6	283.1	8.7	8.5	-2.0	275.5	284.1	3.3	96.2	0.4	100.
1.7	11.7	717.5	925.0	-3.5	-4.0	279.2	12.3	12.2	-2.0	276.2	280.1	3.1	96.1	0.9	104.
2.5	13.9	923.0	900.0	-4.0	-5.3	276.6	10.3	10.3	-0.1	276.9	284.4	2.9	96.2	1.4	101.
3.2	15.9	1125.0	875.0	-6.3	-6.8	266.0	10.6	10.6	0.6	277.5	284.5	2.6	96.3	1.9	98.
3.9	18.1	1381.2	850.0	-7.8	-8.3	261.4	12.5	12.4	1.9	278.3	284.7	2.4	96.2	2.4	95.
6.7	20.6	1613.3	825.0	-8.5	-9.4	261.8	12.9	12.6	1.8	279.9	288.0	2.3	93.2	3.0	92.
5.5	22.7	1831.0	800.0	-9.2	-10.4	261.5	13.9	13.7	1.8	281.6	287.4	2.2	91.1	3.6	90.
6.1	25.1	2050.8	775.0	-10.9	-12.3	259.7	14.5	14.2	2.0	282.3	287.6	1.9	90.0	4.2	89.
7.0	27.3	2300.4	750.0	-12.3	-13.6	253.6	14.3	13.7	4.0	283.4	288.4	1.8	90.2	4.9	87.
7.9	29.8	2494.9	725.0	-13.6	-14.7	249.3	16.1	15.0	5.7	285.7	289.4	1.7	91.4	5.7	85.
8.0	32.3	2873.0	700.0	-14.0	-16.6	244.9	18.0	16.3	7.6	287.2	292.2	1.8	94.9	6.5	82.
9.7	35.0	3199.3	675.0	-15.7	-18.5	239.9	18.9	17.2	7.7	288.3	292.7	1.6	93.4	7.5	80.
10.6	37.6	3433.7	650.0	-16.8	-17.8	253.3	17.6	17.2	4.8	286.2	294.4	1.5	91.8	8.5	78.
11.6	40.2	3728.3	625.0	-17.5	-18.8	263.0	15.7	15.6	1.7	292.6	296.7	1.4	89.3	9.5	79.
12.5	42.8	4033.1	600.0	-19.5	-21.1	266.6	14.5	14.5	0.9	293.6	297.1	1.2	87.5	10.3	79.
13.6	45.6	4347.9	575.0	-21.7	-23.6	262.9	15.3	15.1	1.9	294.6	297.6	1.0	84.5	11.2	80.
14.6	48.6	4673.7	550.0	-24.6	-26.4	265.7	15.4	15.3	2.0	295.0	297.4	0.8	84.6	12.2	80.
15.5	51.6	5010.9	525.0	-27.1	-28.0	265.7	14.8	14.8	1.1	295.9	298.0	0.7	85.6	13.0	80.
16.6	54.6	5360.7	500.0	-29.9	-31.9	266.7	15.5	15.5	0.4	296.6	298.3	0.5	82.4	14.0	81.
17.7	57.9	5724.1	475.0	-32.8	-36.4	271.5	15.9	15.9	-0.4	297.4	298.5	0.4	89.7	14.9	81.
18.8	61.3	6102.8	450.0	-35.8	-39.8	266.6	15.3	15.3	0.4	298.2	299.1	0.3	85.8	16.0	82.
19.9	64.9	6497.2	425.0	-39.3	-42.7	263.9	16.3	16.2	1.7	299.6	299.3	0.2	89.0	17.1	82.
21.1	68.1	6909.1	400.0	-43.1	99.9	263.2	17.6	17.5	2.1	298.9	99.9	99.9	99.9	18.2	82.
22.2	71.8	7300.1	375.0	-46.8	99.9	256.8	13.7	19.2	4.9	299.6	99.9	99.9	99.9	19.5	82.
23.7	75.8	7796.6	350.0	-47.1	99.9	253.6	31.7	28.4	14.1	303.2	99.9	99.9	99.9	21.6	81.
25.1	80.0	8208.9	325.0	-43.8	99.9	253.8	41.8	37.5	18.5	313.5	99.9	99.9	99.9	24.7	79.
26.8	84.2	8621.9	300.0	-46.6	99.9	250.1	48.4	48.3	23.1	319.7	99.9	99.9	99.9	28.4	76.
28.5	88.6	9399.8	275.0	-47.5	99.9	241.7	49.3	43.4	23.4	326.5	99.9	99.9	99.9	34.0	74.
30.5	93.5	10025.4	250.0	-49.5	99.9	240.3	50.3	43.7	25.0	332.4	99.9	99.9	99.9	39.6	72.
32.5	98.5	10714.6	225.0	-51.1	99.9	240.9	48.3	42.2	23.5	340.2	99.9	99.9	99.9	43.6	70.
34.7	103.8	11475.5	200.0	-53.1	99.9	244.0	51.8	46.9	22.0	348.7	99.9	99.9	99.9	52.3	69.
37.5	110.0	12316.1	175.0	-53.0	99.9	248.4	44.8	41.7	16.5	342.5	99.9	99.9	99.9	60.8	69.
40.6	116.0	13328.8	150.0	-54.4	99.9	239.7	44.5	38.4	22.5	370.3	99.9	99.9	99.9	68.5	69.
44.2	123.3	14487.3	125.0	-57.4	99.9	237.1	44.10	40.6	17.2	391.0	99.9	99.9	99.9	77.5	68.
48.7	130.8	15906.1	100.0	-55.0	99.9	253.7	35.40	36.0	9.9	421.4	99.9	99.9	99.9	88.7	67.
54.1	138.8	17728.0	75.0	-54.8	99.9	99.9	99.9	99.9	99.9	453.8	99.9	99.9	99.9	99.9	99.9
60.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

ORIGINAL PAGE IS  
POOR QUALITY

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1315 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES HR	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RH PCT	RANGE KM	AZ DEG
6.0	7.0	298.0	974.0	-3.3	-5.3	290.0	0.2	5.0	-2.1	272.1	270.0	2.0	95.0	0.0	0.
99.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.0	7.7	304.5	975.0	-3.0	-5.3	284.0	0.6	6.0	-1.0	272.1	270.0	2.0	95.1	0.0	14.
0.0	9.0	509.3	950.0	-5.0	-6.0	265.1	9.2	9.2	0.0	271.0	270.2	2.5	90.0	0.3	00.
1.5	11.0	717.0	925.0	-7.0	-7.0	298.5	0.0	0.0	-0.7	271.7	277.0	2.3	99.9	0.7	91.
2.1	13.0	930.5	900.0	-9.0	-9.0	274.7	10.5	10.5	-0.9	272.5	270.1	2.1	99.6	1.1	103.
3.0	15.0	1148.0	875.0	-9.3	-9.0	264.6	10.1	9.7	-2.5	276.0	260.0	2.1	99.5	1.7	97.
3.0	16.0	1372.3	850.0	-10.3	-10.3	260.0	10.0	10.1	-3.1	275.0	261.0	2.0	100.0	2.2	100.
0.0	20.0	1602.3	825.0	-10.7	-10.8	261.0	11.0	11.0	-2.3	277.0	263.0	2.0	99.3	2.7	101.
0.0	22.0	1839.0	800.0	-11.1	-11.3	260.3	12.2	11.0	-3.0	279.5	265.0	2.0	98.7	3.2	101.
6.1	24.7	2082.6	775.0	-12.1	-12.5	267.1	12.1	11.6	-2.0	281.0	266.2	1.9	96.9	4.0	102.
6.9	26.9	2332.0	750.0	-13.7	-14.1	267.9	12.0	11.0	-3.0	281.7	266.7	1.7	96.5	4.4	102.
7.0	29.0	2590.1	725.0	-14.9	-15.3	262.1	12.3	11.0	-0.0	283.3	267.7	1.6	95.2	5.0	103.
8.0	31.9	2855.2	700.0	-15.9	-16.5	291.0	12.1	11.2	-0.5	285.0	269.3	1.5	95.6	5.6	105.
9.5	34.0	3128.7	675.0	-17.2	-17.0	279.0	11.2	11.0	-1.9	286.5	260.5	1.4	95.2	6.2	105.
10.5	36.9	3410.0	650.0	-19.1	-19.3	272.0	11.7	11.7	-0.5	287.5	261.1	1.3	90.2	6.8	100.
11.3	39.0	3702.0	625.0	-19.0	-20.2	274.2	13.1	13.0	-1.0	290.0	260.0	1.2	93.6	7.5	103.
12.3	42.1	4005.1	600.0	-21.2	-22.3	274.0	13.0	13.7	-1.9	291.7	260.0	1.1	90.3	8.3	102.
13.5	45.0	4310.0	575.0	-23.5	-26.7	273.3	15.5	15.5	-0.9	292.5	260.0	0.7	75.0	9.3	101.
14.0	47.9	4601.7	550.0	-26.0	-29.4	274.0	16.0	16.0	-1.1	293.2	265.1	0.6	72.9	10.3	100.
15.0	50.0	4976.9	525.0	-28.5	-32.5	268.2	15.0	15.5	0.5	294.2	265.0	0.5	68.1	11.3	100.
16.0	53.0	5324.0	500.0	-31.0	-35.0	257.1	15.5	15.2	3.0	294.0	265.0	0.4	67.2	12.0	98.
16.1	56.0	5685.6	475.0	-34.0	-39.5	257.1	15.9	15.5	3.0	295.3	266.2	0.3	59.7	13.5	95.
16.2	60.1	6061.0	450.0	-37.7	-43.2	257.0	15.0	15.2	3.5	295.0	266.5	0.2	55.6	14.5	95.
20.0	63.7	6452.1	425.0	-41.0	-49.9	252.0	14.0	14.1	4.0	295.7	266.9	0.9	99.9	15.5	90.
21.7	67.0	6859.0	400.0	-45.2	-54.2	247.0	16.0	16.0	6.0	296.3	266.7	0.9	99.9	16.0	92.
23.0	70.0	7286.9	375.0	-49.3	-59.9	248.2	16.0	17.2	6.1	296.0	267.3	0.9	99.9	16.0	90.
25.0	74.5	7735.0	350.0	-52.7	-64.0	248.7	19.1	17.0	6.9	297.0	269.0	0.9	99.9	16.0	88.
27.0	78.7	8210.2	325.0	-56.7	-69.9	253.3	21.3	20.0	9.0	299.5	269.9	0.9	99.9	16.0	86.
28.0	82.0	8722.2	300.0	-53.5	-69.0	250.0	22.5	21.2	7.5	310.0	269.0	0.9	99.9	24.5	85.
31.1	87.2	9203.0	275.0	-52.7	-69.0	251.2	27.0	26.0	26.0	310.0	269.0	0.9	99.9	27.5	83.
33.3	92.0	9703.0	250.0	-51.0	-69.0	244.3	30.1	27.1	13.0	329.7	269.0	0.9	99.9	31.3	81.
36.1	97.0	10506.2	225.0	-52.0	-69.0	249.0	31.0	29.0	11.1	337.0	269.0	0.9	99.9	36.5	79.
39.3	102.0	11309.1	200.0	-51.0	-69.0	245.0	30.0	27.0	12.0	350.0	269.0	0.9	99.9	42.7	78.
42.0	108.5	12209.9	175.0	-54.3	-69.0	247.2	33.5	31.0	13.0	360.3	269.0	0.9	99.9	48.7	70.
46.5	115.0	13104.0	150.0	-56.1	-69.0	247.7	25.1	23.5	9.5	373.5	269.0	0.9	99.9	56.0	75.
50.0	122.0	14351.3	125.0	-56.2	-69.0	250.1	22.9	22.0	4.7	393.2	269.0	0.9	99.9	64.0	75.
56.0	130.0	15772.5	105.0	-56.1	-69.0	250.1	25.0	25.0	9.3	419.0	269.0	0.9	99.9	70.7	75.
60.2	138.3	17502.0	75.0	-59.0	-69.0	253.4	20.1	20.0	0.0	449.2	269.0	0.9	99.9	80.0	70.
73.1	147.0	20000.1	50.0	-64.0	-69.0	260.0	23.1	23.0	1.3	491.0	269.0	0.9	99.9	90.0	70.
87.0	155.7	20340.3	25.0	-63.1	-69.0	263.0	20.0	20.5	2.9	603.0	269.0	0.9	99.9	120.7	77.

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0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



STATION NO. 433  
SALEM, ILL6 FEBRUARY 1975  
2315 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	175.0	997.9	-6.0	-12.7	300.0	6.7	5.8	-3.3	267.5	271.3	1.4	59.0	0.0	0.
0.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.0
0.5	8.0	356.2	975.0	-8.2	-13.0	292.1	8.6	8.0	-3.2	267.0	270.3	1.2	58.1	0.3	111.
1.1	10.3	557.2	950.0	-10.2	-13.4	298.0	9.4	8.3	-3.4	267.0	270.2	1.2	65.4	0.6	112.
1.7	12.6	762.0	925.0	-12.4	-16.2	302.2	10.0	8.4	-5.3	266.8	269.9	1.2	73.2	0.9	116.
2.4	15.2	970.8	900.0	-14.1	-24.5	313.6	10.9	7.9	-7.5	267.1	268.8	0.6	45.3	1.4	119.
3.1	17.4	1185.1	875.0	-12.9	-36.9	318.2	12.4	8.3	-9.2	270.4	271.0	0.2	11.2	1.9	124.
3.8	20.0	1403.9	850.0	-12.8	-30.9	312.2	12.1	9.0	-8.2	272.6	273.6	0.4	21.9	2.3	126.
4.7	22.6	1634.5	825.0	-11.6	-15.9	310.1	13.9	10.6	-9.0	276.5	280.2	1.4	71.1	3.0	128.
5.4	25.1	1870.7	800.0	-11.2	-12.7	300.4	12.0	10.3	-6.4	279.5	283.4	1.8	88.5	3.6	127.
6.3	27.6	2114.0	775.0	-12.6	-19.1	292.6	11.5	10.7	-6.0	280.5	285.0	1.7	88.0	4.2	126.
7.1	30.3	2363.8	750.0	-14.2	-19.0	287.7	11.8	11.3	-3.6	281.3	285.7	1.6	93.3	4.7	124.
7.9	33.1	2621.1	725.0	-14.6	-15.6	282.3	13.0	12.7	-2.8	283.7	288.1	1.6	91.8	5.3	122.
8.7	35.8	2886.7	700.0	-15.2	-16.1	279.4	15.2	15.0	-2.5	285.9	290.2	1.5	92.3	5.9	119.
9.5	38.7	3161.3	675.0	-16.0	-16.7	277.8	17.1	17.0	-2.3	287.9	292.3	1.5	94.0	6.7	117.
10.4	41.5	3444.9	650.0	-17.7	-16.5	277.6	20.1	19.9	-2.7	289.1	293.0	1.4	93.4	7.6	114.
11.4	44.4	3737.6	625.0	-19.5	-20.4	276.0	21.7	21.5	-2.2	290.3	293.8	1.2	92.1	8.8	112.
12.4	47.5	4039.9	600.0	-21.5	-21.4	273.9	18.9	18.9	-1.3	291.3	294.2	1.0	84.2	10.1	110.
13.5	50.6	4352.3	575.0	-23.9	-21.4	274.6	16.7	16.6	-1.3	292.1	294.2	0.7	72.6	11.2	108.
14.6	53.7	4675.4	550.0	-26.2	-31.7	272.6	17.7	17.7	-0.8	293.0	294.5	0.5	59.4	12.2	107.
15.7	56.8	5009.9	525.0	-28.8	-37.9	272.5	18.6	18.6	-0.8	293.8	294.7	0.3	40.6	13.4	106.
16.9	60.3	5356.9	500.7	-31.9	-43.1	270.5	18.6	18.6	-0.2	294.2	294.7	0.2	31.7	14.6	105.
18.0	63.7	5717.0	475.0	-35.0	-47.0	271.4	19.0	18.9	-0.5	294.6	295.0	0.1	27.8	15.9	103.
19.2	67.1	6191.7	450.0	-38.1	-53.0	274.0	19.2	19.1	-1.4	295.3	295.5	0.1	18.9	17.4	103.
20.5	70.7	6482.7	425.0	-41.4	-59.9	276.8	18.6	18.5	-2.2	296.0	299.9	99.9	99.9	18.6	102.
21.9	74.4	6891.0	400.0	-44.9	-64.9	284.4	19.1	18.5	-4.6	296.7	299.9	99.9	99.9	20.3	102.
23.3	78.5	7319.4	375.0	-47.8	-69.9	291.0	22.3	20.8	-8.0	298.3	299.9	99.9	99.9	21.9	102.
24.8	82.5	7773.2	350.0	-49.9	-69.9	295.2	21.9	19.2	-10.7	301.5	299.9	99.9	99.9	24.0	103.
26.3	86.6	8254.7	325.0	-52.4	-69.9	295.9	23.8	21.4	-10.4	304.5	299.9	99.9	99.9	26.3	105.
28.3	91.2	8771.9	300.0	-52.4	-69.9	282.0	24.5	23.9	-5.1	311.6	299.9	99.9	99.9	28.6	105.
30.2	95.6	9339.0	275.0	-52.7	-69.9	276.8	25.5	25.4	-3.0	318.9	299.9	99.9	99.9	31.5	105.
32.2	100.7	9950.0	250.0	-52.5	-69.9	274.4	34.4	34.3	-7.7	328.1	299.9	99.9	99.9	35.2	103.
34.7	105.9	10633.1	225.0	-50.5	-69.9	273.1	35.9	35.8	-1.9	341.1	299.9	99.9	99.9	40.0	102.
37.4	111.3	11406.2	200.0	-49.7	-69.9	266.5	39.2	39.1	2.4	354.1	299.9	99.9	99.9	44.0	101.
40.3	117.3	12273.8	175.0	-52.4	-69.9	269.5	38.6	38.6	0.4	363.4	299.9	99.9	99.9	50.3	99.
43.9	123.8	13271.0	150.0	-53.5	-69.9	271.0	30.8	30.8	-0.6	377.8	299.9	99.9	99.9	57.4	98.
48.0	130.5	14441.9	125.0	-54.1	-69.9	270.9	30.2	30.2	-0.5	397.0	299.9	99.9	99.9	65.0	97.
52.8	137.8	15861.7	100.0	-58.9	-69.9	999.9	99.9	99.9	99.9	414.0	299.9	99.9	99.9	999.9	999.9
58.4	145.0	17678.6	75.0	-58.2	-69.9	999.9	99.9	99.9	99.9	450.8	299.9	99.9	99.9	999.9	999.9
67.5	152.5	20211.5	50.0	-62.2	-69.9	999.9	99.9	99.9	99.9	497.0	299.9	99.9	99.9	999.9	999.9
99.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.4	268.0	991.9	-6.7	-13.8	290.0	5.7	5.4	-1.9	267.2	270.7	1.3	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	7.6	402.0	975.0	-7.9	-16.6	48.0	1.1	-0.8	-0.8	267.3	270.1	1.1	49.4	0.4	105.
1.0	10.0	603.0	950.0	-10.0	-18.0	309.3	3.6	2.6	-2.3	267.2	269.8	1.0	51.7	0.4	109.
1.6	12.0	807.9	925.0	-12.1	-19.1	295.0	6.4	5.8	-2.7	267.0	269.4	0.9	56.0	0.6	113.
2.4	14.2	1016.9	900.0	-13.9	-19.1	265.8	6.8	6.5	-1.9	267.3	269.8	0.9	64.4	0.9	111.
3.1	16.2	1230.0	875.0	-15.6	-22.2	304.0	9.5	7.9	-5.3	267.6	269.6	0.7	57.7	1.2	119.
3.8	18.5	1449.2	850.0	-15.0	-26.1	319.7	14.6	9.5	-11.1	270.5	272.0	0.5	38.1	1.6	119.
4.6	20.7	1675.8	825.0	-13.4	-33.8	319.4	14.6	9.5	-11.1	274.5	275.3	0.3	17.8	2.5	125.
5.7	23.0	1910.0	800.0	-13.1	-36.3	316.8	16.5	11.3	-12.1	277.2	277.8	0.2	12.1	3.4	128.
6.4	25.3	2152.5	775.0	-12.3	-23.8	317.8	17.4	11.7	-12.9	280.6	282.7	0.7	38.1	4.2	130.
7.3	27.7	2402.4	750.0	-13.7	-21.3	313.6	19.9	14.4	-13.6	281.9	284.5	0.9	52.3	5.1	131.
8.1	30.2	2660.0	725.0	-14.3	-23.0	312.9	23.5	17.2	-16.0	283.8	286.2	0.8	48.0	6.1	131.
9.1	32.8	2926.3	700.0	-14.5	-21.9	313.6	26.7	19.3	-19.4	286.5	289.3	0.9	53.1	7.7	132.
10.0	35.3	3201.1	675.0	-16.2	-25.8	312.1	24.6	18.2	-16.5	287.6	289.8	0.7	45.1	9.1	132.
11.2	37.9	3484.9	650.0	-16.2	-23.5	309.4	20.9	16.2	-13.3	290.6	291.0	0.1	7.3	10.7	132.
12.4	40.5	3779.2	625.0	-18.1	-37.9	312.5	21.4	15.8	-13.9	291.7	292.4	0.2	15.7	12.2	132.
13.6	43.2	4082.9	600.0	-20.0	-30.9	312.6	20.5	15.1	-13.9	293.0	294.5	0.5	37.0	13.7	132.
14.5	46.1	4396.9	575.0	-22.7	-32.7	315.2	19.1	13.4	-13.5	293.4	294.8	0.4	39.4	14.9	132.
15.6	49.1	4722.2	550.0	-23.7	-39.1	317.9	23.5	15.7	-20.4	296.0	296.7	0.2	22.6	16.1	132.
16.8	51.9	5060.7	525.0	-25.7	-46.2	318.7	27.2	17.9	-17.4	297.6	297.9	0.1	12.6	18.0	133.
18.1	55.1	5413.2	500.0	-27.8	99.9	316.3	27.2	18.8	-19.7	299.2	299.9	99.9	99.9	20.2	134.
19.5	58.1	5780.0	475.0	-30.5	99.9	313.7	26.8	10.4	-18.6	300.2	300.9	99.9	99.9	22.4	134.
21.0	61.6	6161.7	450.0	-33.9	99.9	313.3	28.5	20.7	-19.5	300.6	300.9	99.9	99.9	24.8	134.
22.5	65.0	6559.3	425.0	-37.3	99.9	314.9	32.4	23.0	-22.9	301.3	300.9	99.9	99.9	27.8	134.
24.1	68.4	6975.3	400.0	-40.9	99.9	312.1	34.4	25.6	-23.1	301.9	300.9	99.9	99.9	30.9	134.
25.7	72.0	7410.2	375.0	-44.6	99.9	311.8	30.4	22.6	-20.2	302.5	300.9	99.9	99.9	33.8	133.
27.4	76.0	7868.1	350.0	-48.6	99.9	316.6	31.9	21.9	-23.2	303.2	300.9	99.9	99.9	37.3	133.
29.1	80.1	8351.3	325.0	-52.8	99.9	315.9	39.2	27.2	-28.1	303.9	300.9	99.9	99.9	40.2	134.
30.9	84.3	8863.3	300.0	-56.9	99.9	310.4	35.2	26.8	-22.8	305.2	300.9	99.9	99.9	44.7	134.
32.8	88.8	9415.5	275.0	-55.0	99.9	311.5	39.4	20.5	-20.1	315.6	300.9	99.9	99.9	49.5	134.
35.0	93.6	10026.7	250.0	-53.7	99.9	300.6	33.3	28.7	-16.9	326.3	300.9	99.9	99.9	53.5	133.
37.6	98.8	10709.0	225.0	-50.7	99.9	303.0	39.9	33.4	-21.7	340.9	300.9	99.9	99.9	59.9	132.
40.1	104.2	11477.9	200.0	-51.0	99.9	282.0	31.8	31.1	-8.6	352.0	300.9	99.9	99.9	64.2	130.
43.1	110.3	12342.6	175.0	-52.3	99.9	283.2	28.1	27.3	-6.4	363.6	300.9	99.9	99.9	69.7	129.
46.5	116.7	13335.2	150.0	-54.4	99.9	296.3	34.6	31.0	-13.3	376.4	300.9	99.9	99.9	76.6	127.
50.4	124.3	14497.2	125.0	-55.0	99.9	299.3	30.4	26.5	-14.9	395.4	300.9	99.9	99.9	84.7	126.
54.9	132.3	15920.9	100.0	-57.3	99.9	273.9	25.0	25.0	-1.7	417.1	300.9	99.9	99.9	91.2	125.
60.3	140.7	17723.7	75.0	-60.7	99.9	295.0	27.3	24.8	-1.6	445.7	300.9	99.9	99.9	99.4	123.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y  
6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCT	HEIGHT GPM	DRFS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.4	8.0	1003.3	6.3	-1.3	999.9	99.9	99.9	99.9	279.6	288.7	3.5	58.0	999.9	999.9
0.2	5.8	35.1	1000.0	6.3	-1.3	999.9	99.9	99.9	99.9	279.9	288.7	3.3	56.0	999.9	999.9
1.0	7.9	242.2	975.0	4.7	-1.4	999.9	99.9	99.9	99.9	280.3	289.2	3.4	62.3	999.9	999.9
1.8	10.3	453.2	950.0	2.8	-1.8	999.9	99.9	99.9	99.9	280.4	289.7	3.5	71.7	999.9	999.9
2.4	12.1	668.4	925.0	0.6	-2.5	999.9	99.9	99.9	99.9	280.3	289.4	3.5	80.1	999.9	999.9
3.2	14.4	887.9	900.0	-1.3	-3.3	999.9	99.9	99.9	99.9	280.6	289.5	3.4	88.7	999.9	999.9
4.2	16.5	1112.1	875.0	-2.7	-4.1	999.9	99.9	99.9	99.9	280.4	289.9	3.2	90.4	999.9	999.9
5.1	18.9	1341.0	850.0	-4.9	-5.7	999.9	99.9	99.9	99.9	281.4	289.3	3.0	95.8	999.9	999.9
5.9	21.1	1575.2	825.0	-6.4	-6.9	999.9	99.9	99.9	99.9	282.2	289.6	2.8	96.4	999.9	999.9
6.6	23.6	1816.0	800.0	-6.3	-9.3	999.9	99.9	99.9	99.9	282.7	291.2	2.4	80.2	999.9	999.9
7.7	25.9	2044.4	775.0	-6.2	-13.2	999.9	99.9	99.9	99.9	287.4	292.4	1.8	57.2	999.9	999.9
8.7	28.5	2321.4	750.0	-5.9	-16.5	999.9	99.9	99.9	99.9	290.3	294.4	1.4	43.0	999.9	999.9
9.8	31.1	2596.1	725.0	-6.9	-20.7	999.9	99.9	99.9	99.9	292.0	295.0	1.0	33.0	999.9	999.9
11.0	33.9	2857.1	700.0	-6.6	-24.1	999.9	99.9	99.9	99.9	293.0	295.4	0.8	27.2	999.9	999.9
12.0	36.4	3139.4	675.0	-10.9	-26.6	999.9	99.9	99.9	99.9	293.5	295.5	0.6	25.9	999.9	999.9
13.2	39.1	3429.2	650.0	-12.2	-34.0	999.9	99.9	99.9	99.9	295.2	296.3	0.3	14.3	999.9	999.9
14.3	42.0	3727.7	625.0	-14.2	-46.9	999.9	99.9	99.9	99.9	296.2	296.5	0.1	4.3	999.9	999.9
15.4	44.9	4036.0	600.0	-16.7	-48.2	999.9	99.9	99.9	99.9	296.7	297.0	0.1	4.6	999.9	999.9
16.5	48.0	4354.0	575.0	-19.4	-50.8	999.9	99.9	99.9	99.9	297.2	297.4	0.1	4.2	999.9	999.9
17.7	51.0	4682.6	550.0	-22.4	-56.6	999.9	99.9	99.9	99.9	297.5	297.6	0.0	2.7	999.9	999.9
19.1	54.1	5022.6	525.0	-25.2	-59.6	999.9	99.9	99.9	99.9	298.1	298.2	0.0	2.4	999.9	999.9
20.5	57.3	5375.0	500.0	-28.1	-62.7	999.9	99.9	99.9	99.9	298.7	298.8	0.0	2.1	999.9	999.9
21.9	60.6	5741.0	475.0	-30.8	-68.4	999.9	99.9	99.9	99.9	299.8	299.8	0.0	1.3	999.9	999.9
23.1	64.2	6122.6	450.0	-31.7	-66.3	999.9	99.9	99.9	99.9	300.8	301.3	0.1	27.5	999.9	999.9
24.6	67.7	6501.0	425.0	-36.4	-41.0	999.9	99.9	99.9	99.9	302.3	303.2	0.2	62.2	999.9	999.9
26.0	71.1	6839.5	400.0	-38.6	-43.1	999.9	99.9	99.9	99.9	304.8	305.5	0.2	61.8	999.9	999.9
27.4	75.3	7181.4	375.0	-37.8	-45.0	999.9	99.9	99.9	99.9	308.9	309.5	0.2	56.7	999.9	999.9
29.3	79.5	7522.0	350.0	-41.2	99.3	999.9	99.9	99.9	99.9	313.1	309.9	99.9	999.9	999.9	999.9
31.1	83.0	7832.4	325.0	-44.0	99.9	999.9	99.9	99.9	99.9	316.1	309.9	99.9	999.9	999.9	999.9
33.4	88.0	8184.5	300.0	-46.7	99.9	999.9	99.9	99.9	99.9	316.8	309.9	99.9	999.9	999.9	999.9
35.9	93.0	8447.9	275.0	-54.1	99.9	999.9	99.9	99.9	99.9	316.9	309.9	99.9	999.9	999.9	999.9
37.9	98.0	8709.7	250.0	-54.4	99.9	999.9	99.9	99.9	99.9	325.2	309.9	99.9	999.9	999.9	999.9
40.6	103.3	8976.0	225.0	-54.1	99.9	999.9	99.9	99.9	99.9	333.6	309.9	99.9	999.9	999.9	999.9
43.4	109.3	9240.6	200.0	-56.1	99.9	999.9	99.9	99.9	99.9	342.0	309.9	99.9	999.9	999.9	999.9
46.8	115.3	9513.0	175.0	-58.1	99.9	999.9	99.9	99.9	99.9	354.0	309.9	99.9	999.9	999.9	999.9
50.5	122.3	9782.0	150.0	-50.4	99.9	999.9	99.9	99.9	99.9	372.9	309.9	99.9	999.9	999.9	999.9
54.3	129.3	10071.4	125.0	-50.1	99.9	999.9	99.9	99.9	99.9	393.5	309.9	99.9	999.9	999.9	999.9
60.7	137.0	10404.0	100.0	-59.5	99.9	999.9	99.9	99.9	99.9	412.7	309.9	99.9	999.9	999.9	999.9
68.7	146.7	10777.9	75.0	-62.7	99.9	999.9	99.9	99.9	99.9	441.6	309.9	99.9	999.9	999.9	999.9
76.3	152.7	20189.4	50.0	-62.5	99.9	999.9	99.9	99.9	99.9	496.3	309.9	99.9	999.9	999.9	999.9
99.9	99.3	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG.

STATION NO. 518  
ALBANY, N Y6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PNFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	PUT I DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0-0	4-2	40-0	994-4	-1-8	-5-6	310-0	4-6	13-5	-3-0	272-1	278-6	2-5	75-0	0-0	0-
00-3	09-3	41-0	1000-0	09-4	09-8	298-9	09-9	09-9	09-9	09-9	099-9	09-9	099-9	099-9	099-9
0-7	8-3	742-8	975-0	-2-3	-8-8	296-9	7-6	0-4	-3-4	273-1	279-2	2-4	71-2	0-2	122-
1-3	10-3	649-4	950-0	-4-3	-7-0	293-3	12-0	11-0	-4-8	273-1	279-3	2-4	81-4	0-6	118-
2-0	12-5	654-1	925-0	-5-8	-8-2	288-2	15-1	18-3	-4-7	273-7	279-5	2-2	82-8	1-2	118-
2-4	15-0	872-6	900-0	-6-7	-8-4	286-4	15-3	16-7	-4-3	274-6	280-6	2-2	85-4	1-9	111-
3-5	17-2	1052-1	875-0	-8-9	-9-0	287-4	14-4	13-4	-4-3	275-3	281-1	2-2	96-2	2-5	111-
4-1	19-3	1310-8	850-0	-8-9	-8-9	289-9	15-3	14-4	-5-2	277-1	283-1	2-3	100-6	3-1	110-
4-9	22-1	1748-8	825-0	-7-5	-7-5	301-7	13-5	11-5	-7-1	281-0	288-1	2-6	100-3	3-8	111-
5-3	24-7	1773-7	800-0	-7-6	-9-0	318-0	10-5	7-5	-7-3	283-4	290-0	2-4	89-5	4-4	113-
6-7	27-1	2033-4	775-0	-8-2	-10-0	298-5	10-0	4-7	-4-8	285-2	291-6	2-3	87-0	4-9	115-
7-8	29-8	2290-1	750-0	-8-7	-10-7	290-1	10-2	4-5	-3-5	287-4	293-7	2-3	85-2	5-5	115-
8-7	32-6	2552-7	725-0	-9-5	-13-2	240-0	11-2	11-0	-1-9	289-2	294-6	1-9	74-2	6-1	114-
9-7	35-4	2821-1	700-0	-10-9	-17-0	272-4	13-4	13-4	-0-7	290-6	296-7	1-4	60-6	6-8	112-
10-6	38-1	3102-2	675-0	-11-9	-20-8	266-3	17-1	17-1	1-1	292-5	295-7	1-1	47-4	7-5	110-
11-4	40-9	3370-2	650-0	-13-6	-22-4	261-0	20-6	20-4	3-0	293-7	298-7	1-0	47-1	8-4	107-
12-5	43-9	3687-6	625-0	-15-4	-25-9	255-9	22-4	21-8	5-5	295-0	297-2	0-7	39-7	9-7	103-
13-6	46-9	3994-7	600-0	-17-6	-31-4	252-9	27-6	21-6	6-6	295-8	297-3	0-5	28-6	11-0	99-
14-7	50-1	4311-9	575-0	-20-2	-35-2	251-6	22-4	21-3	7-1	296-4	297-4	0-3	24-5	12-4	98-
15-9	53-1	4639-6	550-0	-22-9	-38-3	251-2	23-0	21-8	7-4	296-9	297-8	0-2	22-8	13-9	93-
17-2	56-1	4974-5	525-0	-26-1	-41-0	251-4	24-3	21-1	7-8	297-0	297-6	0-2	23-0	15-3	91-
18-1	59-0	5371-4	500-0	-29-1	-43-6	250-1	25-2	23-7	8-6	297-3	297-9	0-2	23-1	17-1	89-
19-6	63-1	5693-1	475-0	-32-8	-46-6	251-8	25-5	24-2	8-0	297-3	297-7	0-1	23-4	19-0	87-
20-9	66-7	6071-7	450-0	-35-7	-51-8	251-1	24-3	23-0	7-2	298-3	298-5	0-1	17-2	20-9	86-
22-3	70-3	6466-0	425-0	-39-4	-59-1	254-4	25-9	22-9	7-0	298-5	299-9	0-1	09-9	23-0	84-
23-9	74-0	6878-0	400-0	-42-8	-68-9	258-6	28-8	28-1	5-7	299-4	299-9	0-1	09-9	25-3	83-
25-4	78-2	7310-0	375-0	-46-4	-73-0	258-7	28-3	25-6	6-0	300-2	299-9	0-1	09-9	27-6	82-
26-8	82-2	7766-3	350-0	-48-0	-74-7	252-4	15-1	33-5	10-4	304-0	299-9	0-1	09-9	30-0	82-
28-4	86-4	8233-5	325-0	-49-0	-79-7	251-2	41-0	40-7	13-8	309-2	299-9	0-1	09-9	33-8	81-
30-0	91-0	8777-8	300-0	-50-7	-80-9	250-5	53-5	50-7	16-9	313-9	299-9	0-1	09-9	34-6	80-
32-2	95-8	9142-9	275-0	-51-9	-83-9	250-2	58-6	55-2	19-9	320-1	299-9	0-1	09-9	34-6	79-
34-5	100-1	9454-7	250-0	-52-6	-86-9	249-3	53-5	49-7	14-7	327-9	299-9	0-1	09-9	34-6	78-
36-9	106-3	10440-8	225-0	-52-7	-89-4	249-4	50-18	48-9	17-6	337-2	299-9	0-1	09-9	34-6	77-
39-2	112-0	11401-1	200-0	-54-0	-90-9	251-1	57-18	58-0	18-5	347-2	299-9	0-1	09-9	34-6	76-
42-3	118-1	12254-0	175-0	-55-2	-92-9	246-7	51-88	47-6	20-5	358-8	299-9	0-1	09-9	34-6	75-
45-6	125-7	13214-6	150-0	-56-7	-94-9	249-0	54-38	50-7	14-5	372-5	299-9	0-1	09-9	34-6	74-
49-5	132-3	14401-8	125-0	-58-6	-96-9	249-1	35-58	33-2	12-7	396-1	299-9	0-1	09-9	34-6	73-
54-0	140-3	14629-7	100-0	-58-8	-98-4	215-5	17-28	10-0	14-0	417-9	299-9	0-1	09-9	34-6	72-
60-4	147-7	17640-4	75-0	-60-6	-99-1	247-4	41-68	16-4	16-0	435-8	299-9	0-1	09-9	34-6	71-
68-3	156-0	20169-7	50-0	-63-1	-99-9	258-2	21-9	21-4	4-5	494-8	299-9	0-1	09-9	34-6	70-
99-9	99-9	49-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURGH, PA6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	WRES MR	TEMP DU C	NEW PT DU C	DIN DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	R.0	149.0	453.8	-0.2	-1.5	250.0	3.6	3.4	1.2	276.3	285.3	3.6	91.0	0.0	0.
0.0	99.9	94.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	9.3	474.6	950.0	-0.4	-0.9	269.8	6.9	8.9	0.0	277.2	286.9	3.8	96.4	0.3	79.
1.2	11.5	647.2	925.0	-2.3	-2.3	268.1	8.4	8.4	0.3	277.4	286.5	3.5	100.8	0.6	84.
2.0	13.7	904.5	900.0	-3.7	-3.7	273.1	10.2	10.1	-0.5	278.1	286.6	3.2	100.6	1.0	87.
3.0	15.9	1124.6	875.0	-5.3	-5.4	273.6	9.6	9.6	-0.6	278.6	286.3	2.9	99.6	1.6	89.
3.8	18.1	1353.6	850.0	-7.1	-7.3	275.4	10.0	10.0	-0.9	279.0	285.9	2.6	98.6	2.1	90.
4.6	20.6	1586.0	825.0	-8.5	-8.7	274.2	9.9	9.8	-0.7	279.9	285.3	2.4	98.1	2.6	91.
5.5	22.9	1824.0	800.0	-10.1	-10.3	271.6	10.7	10.7	-0.3	280.7	285.6	2.2	98.5	3.1	91.
6.1	25.1	2064.3	775.0	-11.4	-11.5	268.5	12.0	11.9	0.3	281.8	287.4	2.0	98.8	3.7	91.
7.2	27.7	2320.0	750.0	-11.5	-11.6	268.6	12.7	12.7	0.3	283.4	290.2	2.1	99.2	4.3	91.
8.2	30.3	2579.6	725.0	-12.8	-13.2	266.5	13.7	13.7	0.8	285.7	291.0	1.9	96.9	5.1	91.
9.1	32.4	2847.0	700.0	-13.9	-14.4	264.7	14.2	14.2	1.3	287.3	292.4	1.8	96.0	6.0	90.
10.3	34.4	3122.6	675.0	-15.6	-16.3	265.7	13.7	13.6	1.0	288.2	292.7	1.6	95.7	6.9	89.
11.3	36.1	3406.2	650.0	-17.6	-18.4	263.1	12.9	12.8	1.5	289.2	293.2	1.4	93.9	7.6	89.
12.3	40.8	3693.9	625.0	-19.8	-20.7	261.4	13.4	13.6	2.1	290.0	293.4	1.2	92.4	8.5	88.
13.4	43.4	4000.6	600.0	-22.3	-23.2	258.3	14.9	14.6	3.0	290.3	293.3	1.0	92.9	9.3	87.
14.3	46.4	4313.1	575.0	-24.0	-25.7	256.7	16.7	16.2	4.0	292.0	295.5	0.8	86.4	10.3	86.
15.4	49.4	4637.1	550.0	-24.2	-26.0	254.7	15.0	15.4	4.2	295.4	298.9	0.5	48.0	11.3	85.
16.5	52.3	4974.8	525.0	-26.4	-28.0	255.0	15.2	14.7	3.9	296.7	297.9	0.4	44.0	12.3	85.
18.0	55.4	5325.0	500.0	-29.3	-30.6	251.2	15.2	14.4	4.9	297.3	298.3	0.3	48.8	13.6	83.
19.2	58.5	5684.8	475.0	-32.2	-34.8	250.1	15.6	14.7	5.3	298.1	298.9	0.2	46.7	14.8	82.
20.6	61.9	6068.8	450.0	-35.1	-38.3	248.1	16.0	14.9	6.0	299.1	299.7	0.2	42.8	16.0	81.
22.0	65.2	6464.6	425.0	-38.8	-44.0	247.8	17.5	16.2	6.6	299.3	299.9	0.2	57.1	17.4	80.
23.3	68.5	6874.0	400.0	-42.3	-49.3	242.7	19.5	17.4	9.0	300.1	299.9	99.9	999.9	18.8	79.
24.9	72.0	7310.5	375.0	-46.4	-54.9	244.1	20.0	18.0	8.7	300.2	299.9	99.9	999.9	20.6	78.
26.5	75.9	7744.8	350.0	-50.5	-59.9	242.1	21.3	18.9	10.0	300.7	299.9	99.9	999.9	22.6	76.
28.1	79.9	8244.0	325.0	-51.5	-62.4	237.1	28.4	23.9	15.4	303.0	299.9	99.9	999.9	24.7	75.
30.0	83.4	8763.2	300.0	-50.5	-64.9	238.9	39.0	33.4	20.2	314.1	299.9	99.9	999.9	26.5	72.
32.2	86.2	9330.8	275.0	-50.8	-68.9	237.9	45.7	38.7	24.3	321.7	299.9	99.9	999.9	28.7	70.
34.0	92.0	9951.5	250.0	-50.9	-74.9	240.8	44.8	39.1	21.9	330.4	299.9	99.9	999.9	30.7	69.
36.3	97.0	10636.4	225.0	-52.2	-84.9	240.4	45.4	39.4	22.6	338.6	299.9	99.9	999.9	32.7	68.
38.9	102.0	11384.1	200.0	-52.6	-94.9	242.1	41.1	36.3	19.2	349.4	299.9	99.9	999.9	34.7	67.
42.0	108.0	12257.0	175.0	-55.0	-99.9	244.3	39.9	36.1	16.9	359.1	299.9	99.9	999.9	36.7	67.
45.3	116.0	13239.6	150.0	-56.3	-99.9	245.0	40.8	37.0	17.3	373.1	299.9	99.9	999.9	38.7	66.
48.8	120.9	14304.1	125.0	-57.1	-99.9	246.8	39.2	36.8	13.5	391.6	299.9	99.9	999.9	40.7	66.
53.3	128.7	15817.3	100.0	-54.4	-94.9	253.6	32.08	30.7	9.0	422.6	299.9	99.9	999.9	42.7	67.
58.9	137.3	17655.2	75.0	-57.1	-94.9	247.7	39.88	30.8	15.1	453.2	299.9	99.9	999.9	44.7	68.
64.0	146.3	20167.3	50.0	-62.4	-99.9	258.0	12.08	32.1	6.8	496.6	299.9	99.9	999.9	46.7	68.
78.2	156.7	24408.6	25.0	-63.1	-94.9	261.1	35.28	34.8	5.5	603.8	299.9	99.9	999.9	48.7	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2322 GMT

TIME MIN	CNTCT	HEIGHT CHM	PRES MB	TEMP DG C	DLY PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDI T DG K	E POT T DG K	MK RTO GM/KG	RM PCT	152 33. 0	
														RANGE KM	AZ DG
0.0	6.3	214.0	978.7	-1.1	-2.7	200.0	4.7	4.0	0.0	274.1	282.4	3.2	89.1	0.0	0.
00.9	90.2	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	6.7	243.3	975.0	-1.2	-2.7	205.0	5.2	6.2	0.5	274.4	282.6	3.2	89.3	0.1	38.
0.6	8.7	455.2	930.0	-2.6	-4.1	212.0	8.1	8.1	-0.3	275.0	282.7	3.0	89.2	0.3	89.
1.4	10.7	666.3	925.0	-4.5	-5.9	217.0	9.0	8.8	-1.8	275.1	282.0	2.7	89.9	0.6	93.
2.0	12.3	841.0	900.0	-5.8	-7.0	222.0	12.0	11.7	-2.5	275.8	282.4	2.5	91.3	1.1	97.
2.5	15.0	1131.7	875.0	-7.5	-8.4	221.0	12.3	12.3	-0.4	276.3	282.4	2.3	93.3	1.5	98.
3.3	17.1	1327.1	850.0	-8.8	-9.1	229.0	12.6	12.4	0.2	277.3	283.3	2.3	97.5	2.0	94.
4.1	19.4	1554.2	825.0	-9.9	-10.2	239.3	12.1	11.9	2.2	278.4	284.1	2.1	97.7	2.6	91.
4.8	21.5	1795.1	800.0	-11.0	-11.3	255.2	12.4	12.4	1.1	279.7	285.1	2.0	97.5	3.1	89.
5.5	23.4	2034.0	775.0	-11.4	-11.7	266.0	12.0	12.5	0.8	281.8	287.3	2.0	97.5	3.6	88.
6.2	26.2	2270.1	750.0	-12.1	-12.8	280.4	13.4	13.4	0.4	283.4	288.7	1.9	96.2	4.2	88.
7.0	28.7	2541.4	725.0	-13.0	-14.0	274.5	13.8	13.9	-1.1	285.5	290.5	1.8	92.1	4.8	88.
7.8	31.2	2816.0	700.0	-15.1	-16.0	272.4	13.4	13.4	-0.7	286.0	290.4	1.6	92.4	5.5	90.
8.5	33.1	3041.0	675.0	-15.5	-16.1	272.6	12.1	12.1	0.5	288.4	292.0	1.2	73.8	6.1	90.
9.4	36.1	3375.0	650.0	-17.5	-20.8	210.7	12.8	12.6	2.1	289.3	292.5	1.1	75.2	6.7	90.
10.2	38.2	3687.7	625.0	-19.0	-21.4	257.9	15.4	15.0	3.2	290.8	294.1	1.1	81.4	7.3	89.
11.1	41.6	4071.1	600.0	-20.5	-27.5	256.0	16.6	16.1	4.0	292.4	294.5	0.7	53.5	8.2	87.
12.0	44.9	4248.4	575.0	-22.3	-31.9	256.4	17.4	16.9	4.1	293.9	295.4	0.5	40.8	9.1	86.
12.9	47.1	4610.2	550.0	-24.4	-35.4	257.4	18.3	17.9	4.7	295.7	296.2	0.3	35.1	10.0	85.
13.8	50.3	4947.3	525.0	-27.2	-37.8	255.1	18.6	18.0	6.7	295.7	296.6	0.3	35.2	11.1	84.
14.8	53.1	5246.7	500.0	-30.1	-41.3	256.4	18.6	18.1	4.4	296.3	297.0	0.2	32.5	12.2	84.
15.9	56.1	5659.4	475.0	-33.0	-45.0	255.7	18.1	17.5	4.5	297.1	297.6	0.1	28.8	13.4	83.
17.0	59.5	6017.5	450.0	-36.1	-47.4	252.5	18.8	17.9	5.6	297.9	298.3	0.1	29.5	14.6	82.
18.3	63.0	6411.2	425.0	-39.8	-49.9	244.5	18.4	16.6	7.9	298.1	298.4	0.1	32.7	16.0	81.
19.6	66.1	6842.4	400.0	-43.1	-52.9	236.0	19.9	16.5	11.2	299.0	299.9	0.1	32.7	17.5	79.
21.1	70.3	7276.0	375.0	-46.9	-55.7	237.7	21.5	18.2	11.5	299.6	299.9	0.1	32.7	19.0	77.
22.5	73.7	7777.8	350.0	-50.6	-59.1	243.7	23.3	20.9	10.3	300.5	299.9	0.1	32.7	21.0	76.
24.1	77.5	8206.1	325.0	-55.0	-62.9	240.1	25.4	22.2	12.4	300.9	299.9	0.1	32.7	23.2	74.
25.7	81.3	8714.0	300.0	-57.0	-65.9	249.4	25.2	21.7	12.8	305.0	299.9	0.1	32.7	25.5	73.
27.3	86.3	9245.6	275.0	-56.2	-68.9	246.8	31.0	25.9	17.0	313.9	299.9	0.1	32.7	28.0	72.
28.9	90.8	9874.0	250.0	-53.9	-72.7	242.7	36.4	32.3	16.7	325.9	299.9	0.1	32.7	31.4	70.
30.7	95.4	10552.3	225.0	-53.1	-76.1	240.1	37.0	32.1	16.3	337.1	299.9	0.1	32.7	35.3	69.
33.1	101.0	11312.2	200.0	-52.0	-79.9	244.4	37.2	33.6	16.0	350.4	299.9	0.1	32.7	40.9	68.
35.5	107.1	12171.4	175.0	-53.6	-83.9	247.6	39.7	36.7	15.1	361.4	299.9	0.1	32.7	46.5	66.
38.5	113.7	13163.0	150.0	-54.9	-87.9	246.6	39.5	36.2	15.7	375.5	299.9	0.1	32.7	53.1	64.
42.4	121.3	14325.8	125.0	-54.1	-91.9	257.5	37.0	36.1	15.7	375.5	299.9	0.1	32.7	60.6	62.
46.9	124.5	15752.3	100.0	-54.8	-95.9	249.2	29.7	27.8	10.6	421.9	299.9	0.1	32.7	68.9	60.
53.0	130.7	17582.0	75.0	-57.3	-99.1	245.5	37.3	33.4	15.4	452.8	299.9	0.1	32.7	80.4	59.
60.0	149.3	20107.7	50.0	-65.0	-99.4	260.6	20.2	20.0	3.3	490.3	299.9	0.1	32.7	93.3	58.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 512  
PEORIA, ILL6 FEBRUARY 1975  
2115 GMT

TIME MIN	CNCT	HEIGHT GM	PRES H4	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.3	200.0	994.1	-12.2	-16.9	245.0	7.7	7.4	-2.0	261.5	264.2	1.0	68.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	6.6	149.0	975.0	-11.6	-17.7	294.4	11.6	10.5	-4.8	261.5	264.3	1.0	71.4	0.5	113.
1.2	6.7	144.9	950.0	-15.5	-17.4	295.7	12.4	11.2	-5.4	261.6	264.3	1.0	85.2	0.9	114.
1.9	10.7	745.7	925.0	-17.2	-17.3	301.8	13.9	11.9	-7.4	261.9	264.5	1.0	95.0	1.4	115.
2.5	12.7	951.0	900.0	-16.4	-17.4	318.4	13.9	9.2	-10.4	264.8	267.6	1.1	91.5	2.0	119.
3.3	14.3	1174.1	875.0	-13.9	-18.1	323.2	13.8	8.3	-11.0	269.5	272.3	1.0	70.2	2.6	125.
4.0	16.9	1385.3	850.0	-12.6	-18.3	316.8	12.6	6.6	-9.2	273.1	276.0	1.1	62.1	3.1	127.
4.7	19.2	1612.9	825.0	-14.0	-20.7	319.4	13.2	6.6	-10.0	273.9	276.4	0.9	56.9	3.6	129.
5.4	21.3	1843.9	800.0	-15.4	-21.1	309.7	12.6	4.7	-8.0	274.8	276.9	0.7	51.6	4.2	130.
6.2	23.0	2085.1	775.0	-16.3	-21.3	301.9	13.4	11.4	-7.1	276.3	277.8	0.5	38.2	4.8	129.
7.0	25.8	2332.1	750.0	-15.6	-21.4	246.9	16.0	14.3	-7.3	279.7	281.3	0.5	35.1	5.6	129.
7.9	28.2	2567.7	725.0	-15.9	-26.4	245.1	17.2	14.6	-4.5	282.1	283.6	0.6	38.5	6.4	129.
8.7	30.4	2852.1	700.0	-16.5	-26.6	276.7	18.6	14.5	-2.7	284.2	286.1	0.6	41.4	7.2	123.
9.6	33.1	3124.5	675.0	-18.2	-24.9	271.4	19.5	19.5	-0.5	285.4	287.6	0.7	55.1	8.2	119.
10.5	35.0	3405.0	650.0	-19.9	-28.1	269.1	20.9	20.9	0.1	286.5	288.3	0.6	48.0	9.0	116.
11.3	38.1	3696.0	625.0	-20.9	-34.0	269.1	21.2	21.2	0.3	288.6	289.6	0.3	29.4	10.1	113.
12.4	40.7	3976.6	600.0	-23.1	-35.8	267.5	20.9	20.9	0.9	289.4	290.3	0.3	30.0	11.2	110.
13.3	43.4	4307.4	575.0	-25.0	-37.4	269.7	21.5	21.5	0.1	291.3	292.0	0.2	30.3	12.4	108.
14.4	46.2	4628.4	550.0	-27.0	-39.7	270.4	20.3	20.3	-0.3	291.5	292.0	0.2	30.3	13.7	107.
15.4	49.2	4961.7	525.0	-30.3	-35.5	275.0	20.4	20.3	-1.6	292.0	293.1	0.3	59.7	14.8	105.
16.4	52.0	5307.2	500.0	-32.6	-34.9	276.0	20.9	20.7	-2.2	293.3	294.5	0.4	70.7	16.2	105.
17.4	55.1	5656.9	475.0	-35.1	-37.2	273.6	21.1	21.1	-1.3	294.5	295.6	0.3	80.5	17.3	104.
18.5	58.1	6041.8	450.0	-37.9	-39.4	272.0	21.0	21.0	-0.7	295.6	296.4	0.3	82.1	18.7	103.
19.8	61.4	6473.2	425.0	-41.2	-40.7	272.4	22.1	22.1	-0.9	296.3	297.9	99.9	99.9	20.3	102.
21.1	64.3	6842.5	400.0	-43.9	-40.7	274.1	20.6	20.6	-1.5	298.0	299.9	99.9	99.9	22.0	102.
22.5	68.3	7272.6	375.0	-47.5	-40.7	277.2	19.4	19.3	-2.4	298.7	299.9	99.9	99.9	23.6	101.
24.0	71.3	7724.4	350.0	-51.4	-40.7	276.4	20.6	20.5	-2.3	299.5	299.9	99.9	99.9	25.4	101.
25.8	75.3	8202.9	325.0	-53.9	-40.7	271.4	21.0	20.9	-0.5	302.4	299.9	99.9	99.9	27.6	100.
27.8	80.3	8714.6	300.0	-55.6	-40.7	269.4	21.6	21.6	0.1	307.0	299.9	99.9	99.9	30.2	99.
29.6	84.2	9269.3	275.0	-56.6	-40.7	274.2	22.5	22.5	-1.6	314.8	299.9	99.9	99.9	32.2	99.
31.7	88.6	9877.3	250.0	-55.3	-40.7	270.3	24.3	24.3	-0.4	323.9	299.9	99.9	99.9	35.4	98.
34.1	93.0	10515.8	225.0	-51.0	-40.7	278.7	24.4	24.1	-3.7	340.3	299.9	99.9	99.9	39.8	98.
36.9	98.3	11320.9	200.0	-49.5	-40.7	279.0	24.6	24.2	-4.1	354.3	299.9	99.9	99.9	43.9	98.
39.7	104.1	12192.1	175.0	-52.7	-40.7	279.9	23.9	23.9	-1.2	363.0	299.9	99.9	99.9	48.1	98.
43.9	110.6	13141.9	150.0	-51.4	-40.7	273.1	25.2	25.2	-1.4	381.5	299.9	99.9	99.9	54.8	98.
47.9	117.7	14360.1	125.0	-56.1	-40.7	276.3	21.0	20.9	-2.3	393.5	299.9	99.9	99.9	60.9	97.
52.8	125.3	15731.4	100.0	-56.5	-40.7	276.8	26.2	26.0	-3.1	418.5	299.9	99.9	99.9	68.4	97.
59.7	135.3	17597.4	75.0	-58.6	-40.7	274.9	21.9	21.8	-1.9	450.1	299.9	99.9	99.9	78.1	97.
69.0	160.0	23126.0	50.0	-62.2	-40.7	263.5	17.9	17.8	-2.0	497.0	299.9	99.9	99.9	89.7	97.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEB

6 FEBRUARY 1975  
2328 GMT

TIME MIN	CNCT	WEIGHT GPM	PAFS MM	TEMP DG C	DEL PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.2	403.0	472.0	-13.3	-21.1	250.0	3.1	7.9	1.1	202.0	263.9	0.7	51.0	0.0	0.
00.0	00.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	00.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.2	575.4	950.0	-17.0	-18.4	270.5	9.3	9.2	-0.7	265.1	260.5	0.9	61.3	0.2	78.
1.3	12.2	762.4	975.0	-14.1	-19.2	283.0	11.9	11.6	-2.8	265.0	267.4	0.9	65.3	0.7	90.
2.1	15.5	900.3	900.0	-13.8	-22.7	290.6	13.5	11.7	-6.7	267.3	269.2	0.7	47.2	1.3	101.
2.7	16.6	1204.8	875.0	-13.2	-30.2	307.7	12.8	10.2	-7.9	270.1	271.1	0.3	22.2	1.8	107.
3.4	19.3	1424.4	810.0	-14.5	-37.8	317.1	11.5	7.8	-8.5	271.9	271.9	0.3	19.2	2.2	114.
4.1	21.2	1631.0	825.0	-14.7	-27.3	315.8	11.7	8.2	-8.4	273.1	274.5	0.5	34.0	2.6	117.
4.8	23.6	1881.9	800.0	-15.2	-24.4	317.9	13.9	9.3	-10.3	275.0	276.5	0.5	35.9	3.2	121.
5.6	24.9	2123.2	775.0	-16.4	-25.1	313.1	15.3	11.2	-10.5	276.3	278.1	0.6	45.6	3.8	124.
6.2	28.5	2369.1	750.0	-18.4	-21.4	312.8	18.3	17.0	-11.1	276.7	279.2	0.9	74.2	4.5	125.
7.1	31.9	2621.1	725.0	-20.2	-22.7	316.3	16.8	11.6	-12.1	277.4	277.8	0.8	80.6	5.3	126.
8.0	33.7	2882.4	700.0	-17.6	-16.9	316.0	19.9	13.1	-13.6	283.0	281.7	0.2	10.6	6.2	128.
8.4	36.1	3150.0	675.0	-16.1	-36.2	316.8	19.8	14.0	-13.9	287.7	286.5	0.3	15.6	7.3	129.
9.7	38.6	3437.2	650.0	-17.9	-37.1	313.6	20.3	14.7	-14.0	289.5	289.5	0.2	16.6	8.3	130.
10.7	41.3	3731.3	625.0	-20.1	-36.2	312.4	21.5	15.9	-14.5	289.5	290.5	0.3	27.2	9.5	130.
11.6	44.1	4032.7	600.0	-21.9	-31.2	316.5	22.3	15.9	-15.6	290.8	292.3	0.5	42.2	10.8	130.
12.4	47.0	4344.9	575.0	-23.4	-33.1	316.4	23.4	16.4	-16.1	292.6	293.7	0.4	40.2	12.0	131.
13.5	50.3	4649.2	550.0	-25.1	-32.4	316.4	25.9	18.5	-18.1	294.3	295.7	0.4	48.6	13.4	131.
14.5	52.5	5006.1	525.0	-27.3	-34.4	309.4	27.1	20.9	-17.2	295.6	296.9	0.4	50.4	15.0	132.
15.4	54.7	5355.7	500.0	-10.0	-38.4	305.4	27.3	22.2	-15.3	296.5	297.6	0.3	53.2	16.8	131.
16.7	56.9	5718.3	475.0	-32.9	-39.0	305.3	28.6	23.4	-16.5	297.2	299.1	0.3	54.3	18.5	130.
17.7	62.3	6097.4	450.0	-35.6	-40.9	306.4	29.8	24.0	-17.7	298.4	299.2	0.2	58.1	20.4	130.
18.9	65.5	6492.4	425.0	-34.1	-44.2	307.7	32.2	25.5	-19.7	298.9	299.5	0.2	58.0	22.6	130.
20.1	67.0	6805.1	400.0	-42.3	99.9	307.5	33.4	26.4	-20.3	300.0	999.9	99.9	999.9	25.0	129.
21.6	72.4	7338.4	375.0	-45.7	99.9	307.0	34.0	26.8	-20.8	301.1	999.9	99.9	999.9	28.0	129.
23.1	76.2	7794.3	350.0	-49.3	99.9	306.2	35.5	27.0	-19.8	302.2	999.9	99.9	999.9	30.9	129.
24.8	80.1	8276.0	325.0	-53.1	99.9	309.5	32.6	25.1	-20.7	303.4	999.9	99.9	999.9	34.4	129.
26.6	84.2	8768.7	300.0	-57.4	99.9	309.2	37.3	26.9	-23.6	304.4	999.9	99.9	999.9	38.2	129.
28.4	88.3	9335.1	275.0	-57.4	99.9	312.1	37.0	23.8	-21.4	312.7	999.9	99.9	999.9	41.8	129.
30.0	93.3	9939.4	250.0	-55.2	99.9	301.4	29.3	25.0	-15.3	324.0	999.9	99.9	999.9	46.4	129.
31.2	97.8	10614.7	225.0	-57.8	99.9	304.1	29.1	24.1	-18.3	337.7	999.9	99.9	999.9	50.5	128.
33.9	102.5	11377.7	200.0	-51.7	99.9	307.4	35.2	27.8	-21.6	351.0	999.9	99.9	999.9	55.5	128.
36.9	108.5	12266.9	175.0	-52.0	99.9	300.4	27.0	21.1	-13.8	364.0	999.9	99.9	999.9	61.0	128.
42.5	116.4	13291.7	150.0	-53.4	99.9	301.0	29.2	25.0	-15.0	378.2	999.9	99.9	999.9	67.1	127.
47.1	121.3	14613.3	125.0	-55.8	99.9	294.1	24.8	27.1	-12.3	393.9	999.9	99.9	999.9	74.1	126.
50.0	124.3	15827.1	100.0	-57.3	99.9	307.7	25.7	21.4	-14.3	414.3	999.9	99.9	999.9	81.0	126.
54.3	137.7	17500.7	75.0	-60.3	99.9	275.4	17.6	17.0	-4.7	466.5	999.9	99.9	999.9	88.5	125.
67.4	166.7	20166.2	50.0	-62.2	99.9	291.4	18.5	13.4	-8.0	497.1	999.9	99.9	999.9	97.3	124.
80.6	156.0	24393.0	25.0	-67.9	99.9	499.9	99.9	99.9	99.9	588.5	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 562  
 NORTH PLATTE, WY

 6 FEBRUARY 1975  
 2315 GMT

ANGLES ( ), THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

144 29. 1

TIME MIN	CNTCT	HEIGHT GN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.6	867.0	913.1	-1.7	-17.0	330.0	3.1	1.6	-2.7	278.2	281.3	1.1	30.0	0.0	0.
0.5	94.9	94.9	1000.3	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	974.0	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	14.1	1016.1	900.0	-2.5	-20.1	949.4	99.9	99.9	99.9	279.0	281.5	0.9	24.4	999.9	999.9
1.4	17.4	1236.7	875.0	-4.3	-20.7	949.4	99.9	99.9	99.9	274.5	281.9	0.8	26.3	999.9	999.9
2.1	18.4	1464.1	850.0	-6.4	-21.1	949.4	99.9	99.9	99.9	279.0	281.9	0.8	26.3	999.9	999.9
3.0	21.0	1657.1	825.0	-7.9	-21.1	949.4	99.9	99.9	99.9	280.3	282.8	0.9	33.6	999.9	999.9
3.7	23.1	1835.4	800.0	-9.1	-20.1	310.3	19.4	14.7	-12.7	281.6	284.3	1.0	40.3	2.1	122.
4.7	24.7	2185.9	775.0	-10.8	-27.5	303.4	22.4	16.7	-12.3	282.3	285.3	0.9	40.3	3.3	123.
5.4	28.1	2432.5	750.0	-11.5	-30.8	313.5	23.1	16.7	-15.9	284.2	285.3	0.4	18.5	4.5	124.
6.6	30.7	2691.5	725.0	-13.5	-30.7	311.4	24.9	16.6	-14.5	284.7	285.9	0.4	22.0	6.2	126.
8.0	33.3	2958.1	700.0	-13.7	-32.9	317.7	25.0	16.6	-14.5	287.3	288.4	0.3	23.6	9.0	130.
9.2	35.3	3233.9	675.0	-15.4	-31.5	315.0	26.1	16.5	-14.5	288.4	289.6	0.4	23.6	11.5	131.
10.2	38.4	3518.4	650.0	-16.7	-27.6	312.4	27.5	20.2	-18.7	290.2	292.1	0.6	39.9	13.4	131.
11.4	41.0	3812.0	625.0	-18.5	-24.0	316.1	25.6	17.6	-18.4	291.4	294.0	0.9	61.3	15.3	132.
12.7	43.9	4118.7	600.0	-21.6	-27.5	316.5	26.5	18.3	-19.2	291.2	293.2	0.7	58.7	17.5	132.
14.0	46.4	4428.1	575.0	-21.4	-42.3	314.0	28.6	18.8	-21.6	294.9	295.4	0.2	13.2	20.0	132.
15.4	49.2	4754.4	550.0	-22.8	-34.7	317.0	30.5	20.4	-22.3	297.1	298.2	0.4	32.5	22.1	133.
16.5	52.0	5095.0	525.0	-25.5	-36.1	312.4	24.7	21.6	-19.7	297.7	298.6	0.3	28.8	24.1	133.
17.9	55.8	5446.9	500.0	-28.7	-40.4	309.0	28.4	22.0	-17.8	298.1	298.8	0.2	31.1	26.7	133.
19.2	58.3	5817.4	475.0	-30.4	-44.4	312.3	30.5	22.4	-20.5	300.3	300.8	0.1	22.7	28.3	133.
20.6	62.1	6194.8	450.0	-33.1	-34.4	313.3	30.34	22.1	-20.8	301.4	302.3	0.3	53.5	30.2	133.
22.1	65.6	6598.5	425.0	-35.9	-41.9	315.3	33.66	23.8	-24.0	303.0	303.7	0.2	52.5	32.1	133.
23.6	69.0	7012.6	400.0	-39.6	-45.6	315.2	34.46	24.2	-24.4	304.5	304.9	0.9	99.9	34.0	133.
25.1	72.5	7451.0	375.0	-43.1	49.9	314.2	34.76	23.1	-22.5	304.5	304.9	99.9	99.9	35.2	133.
26.6	76.3	7911.4	350.0	-47.2	99.9	313.4	35.74	25.9	-24.5	305.1	305.9	99.9	99.9	38.0	133.
28.4	80.4	8397.4	325.0	-51.5	99.9	313.8	33.76	24.3	-23.3	305.8	306.9	99.9	99.9	41.1	133.
30.2	84.5	8914.0	300.0	-55.5	99.9	316.0	35.06	24.3	-25.2	307.1	307.9	99.9	99.9	48.6	133.
32.3	88.3	9463.9	275.0	-57.4	99.9	318.3	37.08	24.6	-27.6	312.1	312.1	99.9	99.9	53.1	134.
34.4	93.6	10067.4	250.0	-56.1	99.9	312.2	33.06	24.6	-22.1	322.7	322.7	99.9	99.9	57.4	134.
36.9	98.4	10743.9	225.0	-52.6	99.9	308.7	35.76	27.9	-22.3	337.6	337.6	99.9	99.9	62.5	134.
39.4	103.0	11502.9	200.0	-53.6	99.9	310.7	40.46	30.5	-26.5	347.9	347.9	99.9	99.9	67.9	133.
42.4	109.5	12359.4	175.0	-52.7	99.9	315.1	36.16	25.5	-25.5	362.9	362.9	99.9	99.9	75.2	133.
45.8	115.5	13350.2	150.0	-54.9	99.9	313.1	30.16	22.0	-20.6	375.6	375.6	99.9	99.9	81.9	133.
49.7	122.3	14513.4	125.0	-57.3	99.9	301.6	29.46	25.4	-15.6	391.3	391.3	99.9	99.9	89.2	133.
54.2	130.3	15918.7	100.0	-60.6	99.9	291.4	21.06	19.5	-7.7	410.7	410.7	99.9	99.9	95.6	132.
60.0	138.1	17715.2	75.0	-54.7	99.9	311.5	21.46	16.0	-14.2	448.9	448.9	99.9	99.9	104.1	132.
68.1	146.7	20242.0	50.0	-61.1	99.9	311.0	23.66	14.0	-15.7	499.6	499.6	99.9	99.9	111.0	131.
80.4	155.3	24502.5	25.0	-66.4	99.9	999.9	99.9	99.9	99.9	593.9	593.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TIME MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME6 FEBRUARY 1975  
2315 GMT

153 24. 0

TIME MIN	CNCT	WIGHT GPM	PRES MH	TEMP DG C	DEW PT DG C	DIR DG	WSPED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.3	10.0	928.4	-1.7	-3.4	310.0	1.5	1.1	-1.0	271.9	279.5	3.0	88.0	0.0	0.
0.9	99.3	93.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	8.0	211.7	975.0	-3.1	-4.0	999.9	99.9	99.9	99.9	272.4	279.9	2.9	93.5	999.9	99.9
1.5	10.2	417.1	950.0	-4.0	-4.7	999.9	99.9	99.9	99.9	273.5	280.8	2.8	95.1	999.9	99.9
2.3	12.4	627.4	925.0	-4.5	-5.2	284.0	4.8	4.7	-1.2	275.0	282.3	2.8	95.4	0.3	139.
3.1	14.7	843.0	900.0	-5.0	-6.1	283.0	7.2	7.0	-1.6	275.8	282.8	2.7	97.9	0.5	119.
3.9	16.9	1003.0	875.0	-6.4	-7.1	295.6	9.1	8.2	-3.9	277.0	283.8	2.6	98.3	0.9	114.
4.9	19.1	1239.9	850.0	-7.1	-7.4	310.1	11.2	8.4	-7.2	279.0	285.7	2.5	94.7	1.5	116.
5.6	21.3	1521.0	825.0	-6.6	-8.4	310.6	11.1	8.4	-7.2	282.0	288.6	2.5	87.0	2.0	123.
6.5	24.1	1761.0	800.0	-7.9	-8.7	307.1	10.8	8.6	-6.5	283.0	289.7	2.5	93.9	2.6	123.
7.3	26.3	2034.9	775.0	-8.4	-9.9	301.4	9.8	8.3	-5.2	285.1	291.5	2.3	88.8	3.1	123.
8.3	28.3	2291.0	750.0	-9.8	-10.4	295.4	10.0	9.0	-4.3	286.2	292.4	2.2	92.0	3.6	123.
9.1	31.3	2525.5	725.0	-10.7	-12.0	286.5	12.3	11.6	-3.9	287.9	293.8	2.1	90.2	4.2	121.
10.1	34.1	2775.4	700.0	-11.0	-14.1	282.4	15.2	14.8	-3.3	290.5	295.8	1.8	78.1	4.9	119.
11.1	36.7	3074.7	675.0	-11.6	-15.2	277.7	16.4	16.3	-2.2	292.9	297.8	1.7	72.4	5.9	116.
12.1	39.1	3363.1	650.0	-13.6	-17.4	274.7	17.6	17.5	-1.4	293.8	298.1	1.5	71.6	6.8	113.
13.2	42.0	3630.1	625.0	-15.7	-19.1	274.0	17.9	17.8	-1.6	294.6	298.5	1.3	73.6	8.0	110.
14.2	44.3	3867.0	600.0	-17.7	-21.4	273.3	14.9	18.9	-1.1	295.7	299.2	1.2	72.9	9.1	106.
15.4	47.3	4244.4	575.0	-19.4	-23.7	272.9	19.9	19.8	-1.0	296.8	299.8	1.0	71.4	10.3	106.
16.5	50.7	4612.7	550.0	-22.4	-26.1	272.0	18.5	18.5	-0.6	297.6	300.1	0.8	71.7	11.7	105.
17.6	53.7	4952.6	525.0	-25.0	-29.3	272.2	18.5	18.4	-0.7	298.4	300.4	0.6	67.3	12.9	103.
18.1	56.5	5305.1	500.0	-28.0	-32.9	270.7	20.7	20.7	-0.2	298.9	300.5	0.5	67.1	14.5	102.
20.3	59.3	5671.3	475.0	-31.2	-36.7	269.2	22.0	22.0	0.3	299.3	300.4	0.3	57.9	16.1	101.
21.9	63.3	6022.0	450.0	-34.5	-39.9	272.2	17.2	17.2	-0.7	299.9	300.7	0.3	57.2	17.8	100.
23.6	64.4	6484.2	425.0	-37.0	-43.1	269.9	17.4	17.4	0.0	300.5	301.2	0.2	57.3	19.8	99.
25.2	70.3	6961.4	400.0	-40.4	-46.9	257.9	12.1	11.9	2.6	301.9	309.9	99.9	99.9	21.0	96.
26.9	73.4	7299.8	375.0	-45.1	-49.9	257.3	11.4	11.1	2.5	301.9	309.9	99.9	99.9	23.1	96.
28.7	77.1	7755.3	350.0	-49.4	-50.9	252.0	10.4	9.9	3.1	302.2	309.9	99.9	99.9	23.1	96.
30.3	80.3	8217.4	325.0	-51.8	-54.9	254.8	18.6	18.1	3.6	305.2	309.9	99.9	99.9	24.4	95.
32.9	85.0	8747.9	300.0	-50.9	-54.9	258.7	36.5	35.8	7.1	313.7	309.9	99.9	99.9	28.6	93.
35.1	88.2	9274.0	275.0	-51.0	-54.9	256.6	43.5	42.3	10.1	321.3	309.9	99.9	99.9	33.8	90.
38.0	93.4	9444.0	250.0	-51.8	-54.9	255.9	44.4	43.1	10.8	329.1	309.9	99.9	99.9	41.6	88.
41.1	98.1	10455.7	225.0	-52.3	-54.9	251.1	44.4	42.5	12.9	338.4	309.9	99.9	99.9	45.9	86.
44.1	103.1	11384.4	200.0	-54.0	-54.9	250.6	45.6	43.0	15.1	347.3	309.9	99.9	99.9	57.3	84.
48.0	108.1	12281.8	175.0	-55.0	-54.9	251.2	47.0	44.5	15.2	359.1	309.9	99.9	99.9	68.0	81.
52.4	115.1	13277.2	150.0	-55.1	-54.9	253.2	71.7	69.1	18.4	374.9	309.9	99.9	99.9	80.4	80.
57.6	122.1	14374.2	125.0	-54.6	-54.9	244.0	26.0	23.4	11.4	366.1	309.9	99.9	99.9	91.5	79.
63.4	129.7	15812.7	100.0	-57.6	-54.9	247.5	41.8	38.0	15.7	416.4	309.9	99.9	99.9	104.8	77.
71.0	137.7	17624.1	75.0	-60.0	-54.9	240.5	34.9	32.9	11.7	447.2	309.9	99.9	99.9	121.2	76.
81.3	146.7	20173.0	50.0	-64.0	-54.9	250.3	21.7	27.9	10.0	490.6	309.9	99.9	99.9	140.5	75.
97.0	156.7	24330.4	25.0	-64.3	-54.9	444.9	94.9	99.9	99.9	600.1	309.9	99.9	99.9	999.9	999.9

\* BY SLOPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

6 FEBRUARY 1975  
2115 GMT

[illegible]

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
01 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
02 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 645  
GREEN RAY, WIS  
6 FEBRUARY 1975  
2315 GMT

TIME MIN	CHTCY	WGT GMM	PHES MS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	RH RTO CM/KG	RH PCT	RANGE NM	AZ DEG
0.0	7.0	210.0	345.4	-12.2	-14.7	270.0	7.7	1.7	0.0	262.2	264.5	0.9	50.0	0.0	0.0
0.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.3	291.1	975.0	-12.7	-20.5	305.1	14.7	12.0	-0.5	262.5	264.5	1.8	51.6	0.3	123.0
1.1	10.2	480.0	950.0	-14.7	-22.5	376.3	14.5	11.7	-0.6	262.4	264.2	0.7	53.4	0.8	124.0
1.7	12.4	645.4	975.4	-16.4	-22.7	312.4	10.7	7.9	-7.2	262.7	264.4	0.7	53.0	1.3	126.0
2.6	14.7	805.4	900.0	-18.0	-22.8	322.0	10.7	6.4	-0.4	263.0	264.8	0.7	54.0	1.0	129.0
3.3	16.3	1104.2	875.0	-19.5	-23.7	332.0	13.2	6.0	-11.7	263.0	265.3	0.6	55.0	2.3	133.0
4.9	19.3	1170.4	850.0	-19.0	-24.5	336.4	16.5	4.1	-13.4	266.3	267.0	0.5	51.1	2.9	138.0
6.6	21.5	1541.2	825.0	-19.2	-24.1	336.8	15.6	6.2	-14.4	268.4	269.6	0.4	40.8	3.8	142.0
9.0	24.0	1771.7	800.0	-20.2	-31.4	337.9	13.8	5.2	-12.8	269.4	270.6	0.3	34.5	4.3	147.0
6.3	24.2	2056.4	775.0	-20.4	-40.0	335.3	14.6	4.2	-13.2	271.6	272.1	0.1	15.8	4.9	148.0
7.1	28.6	2243.4	750.0	-20.7	-42.3	321.4	15.1	9.3	-11.9	274.1	274.5	0.1	12.2	5.6	146.0
8.0	31.4	2500.4	725.0	-20.3	-43.5	311.5	14.6	11.0	-9.7	277.2	277.5	0.1	10.5	6.4	145.0
8.9	34.3	2754.4	700.0	-20.9	-44.4	302.4	15.2	12.4	-8.3	279.3	279.6	0.1	9.7	7.1	143.0
9.6	36.4	3033.2	675.0	-21.9	-45.3	295.2	15.3	13.4	-6.5	281.1	281.5	0.1	9.8	8.0	140.0
10.9	39.3	3305.5	650.0	-22.6	-46.0	296.0	15.2	13.6	-6.6	283.1	283.4	0.1	9.9	8.8	138.0
12.3	41.9	3571.0	625.0	-22.5	-45.7	294.3	17.1	15.6	-7.0	286.7	287.0	0.1	9.9	9.7	136.0
13.0	44.3	3842.4	600.0	-23.3	-46.3	292.6	17.9	14.5	-6.9	289.1	289.5	0.1	10.0	10.6	133.0
14.1	47.6	4207.9	575.0	-25.2	-47.4	284.7	18.7	18.1	-4.7	290.5	290.8	0.1	10.2	11.9	131.0
15.7	50.6	4534.4	550.0	-27.3	-49.0	280.4	20.2	19.9	-3.7	291.7	292.3	0.2	29.8	13.1	128.0
16.4	53.4	4817.3	525.0	-30.6	-49.6	275.5	20.0	19.9	-1.9	291.6	292.3	0.2	40.0	14.3	125.0
17.1	56.1	5202.0	500.0	-33.3	-37.7	264.9	14.7	19.7	0.4	242.8	243.4	0.3	43.8	15.3	123.0
18.4	59.4	5500.2	475.0	-36.3	-39.6	265.5	20.2	20.2	1.6	293.1	293.6	0.3	71.2	16.3	120.0
19.4	63.1	5812.9	450.0	-39.4	-42.4	262.3	21.9	21.7	2.9	293.7	294.3	0.2	73.1	17.6	117.0
20.3	66.4	6177.2	425.0	-41.9	99.9	261.0	22.5	22.2	3.5	295.3	295.9	0.9	99.9	18.9	114.0
22.1	70.0	6722.7	400.0	-45.2	99.9	267.2	22.0	22.0	1.1	296.2	296.9	0.9	99.9	20.6	112.0
23.9	73.6	7154.7	375.0	-48.8	99.9	267.8	21.1	23.1	0.9	297.0	297.9	0.9	99.9	22.7	110.0
25.7	77.3	7607.4	350.0	-52.0	99.9	269.1	22.5	22.5	0.3	298.6	299.9	0.9	99.9	24.6	107.0
27.3	81.2	8014.0	325.0	-54.1	99.9	273.3	22.2	22.1	-2.0	302.1	303.1	0.9	99.9	26.3	106.0
29.4	85.4	8545.4	300.0	-56.9	99.9	268.8	20.7	20.7	0.4	305.1	305.1	0.9	99.9	28.6	105.0
31.6	89.7	9147.1	275.0	-59.8	99.9	271.9	21.0	21.0	-0.7	308.7	309.9	0.9	99.9	31.9	104.0
33.6	94.6	9740.0	250.0	-57.1	99.9	267.1	21.5	21.5	1.1	321.7	322.7	0.9	99.9	34.9	103.0
35.9	99.3	10411.5	225.0	-53.4	99.9	273.4	23.8	23.7	-2.2	336.7	336.7	0.9	99.9	38.1	102.0
38.3	104.7	11176.4	200.0	-51.3	99.9	274.4	22.6	22.5	-1.7	351.4	351.4	0.9	99.9	41.8	101.0
41.5	110.0	12044.0	175.0	-52.3	99.9	276.5	19.4	19.3	-2.2	363.6	363.6	0.9	99.9	45.8	101.0
44.9	115.9	13043.8	150.0	-54.0	99.9	280.4	20.7	20.7	-3.7	377.1	377.1	0.9	99.9	49.0	101.0
49.1	122.7	14212.0	125.0	-53.7	99.9	273.4	22.6	22.5	-2.1	397.7	397.7	0.9	99.9	54.3	100.0
53.8	130.3	15442.2	100.0	-50.8	99.9	278.0	21.3	21.1	-3.0	421.9	421.9	0.9	99.9	60.5	107.0
59.6	134.1	17444.3	75.0	-57.6	99.9	280.2	17.5	17.2	-3.1	452.2	452.2	0.9	99.9	66.6	106.0
67.9	147.3	20400.1	50.0	-62.3	99.9	279.9	14.3	14.3	-0.3	496.0	496.0	0.9	99.9	76.8	106.0
81.6	167.1	24220.7	25.0	-63.6	99.9	292.8	18.9	17.4	-7.3	602.1	602.1	0.9	99.9	93.0	106.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MUSKIE, S D

6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	U POT 1 DEG K	WZ RTD CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	0.3	302.0	971.4	-12.8	-20.3	300.0	6.2	5.4	-3.1	252.6	264.6	0.0	53.0	0.0	0.
00.0	00.3	50.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	00.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	10.1	54.5	950.0	-14.4	-14.4	245.5	5.7	6.4	-2.3	262.6	264.6	0.0	66.1	0.3 115	0.0 115
1.3	12.4	74.0	925.0	-16.2	-20.3	287.5	4.2	7.4	-2.5	265.3	265.3	0.0	77.5	0.6 109	0.6 109
2.0	14.7	92.1	900.0	-16.0	-20.3	300.0	8.0	7.4	-4.4	265.1	267.3	0.0	69.6	1.0 110	1.0 110
2.4	16.2	114.7	875.0	-15.9	-21.4	313.4	10.6	7.7	-7.3	267.3	269.5	0.0	62.5	1.4 116	1.4 116
3.5	18.3	140.4	850.0	-16.5	-23.4	313.4	10.6	7.6	-7.4	268.9	270.7	0.7	53.0	1.8 121	1.8 121
4.2	21.5	162.7	825.0	-17.9	-23.2	315.4	10.9	7.6	-10.0	272.5	271.7	0.7	63.3	2.3 123	2.3 123
4.9	24.1	187.6	800.0	-17.5	-24.6	314.4	14.2	10.1	-10.0	272.5	272.0	0.1	7.3	2.8 126	2.8 126
5.4	26.9	207.3	775.0	-16.1	-27.4	314.2	17.4	10.6	-11.1	275.7	275.8	0.0	1.5	3.4 127	3.4 127
6.0	28.5	234.2	750.0	-16.5	-27.6	321.3	16.4	10.2	-12.0	278.6	278.7	0.0	1.4	4.2 129	4.2 129
7.2	31.5	259.7	725.0	-15.9	-27.4	320.7	17.1	10.8	-13.2	282.1	282.1	0.0	1.4	4.9 131	4.9 131
8.0	34.2	280.1	700.0	-16.8	-28.0	318.7	17.6	11.6	-13.2	283.9	284.5	0.2	13.5	5.8 133	5.8 133
8.7	36.7	313.5	675.0	-18.9	-28.7	318.8	17.5	12.0	-12.7	284.6	286.2	0.5	41.6	6.5 133	6.5 133
9.6	39.5	341.3	650.0	-20.4	-28.4	315.2	19.5	13.0	-13.9	285.4	287.5	0.5	46.4	7.5 134	7.5 134
10.4	42.1	373.0	625.0	-22.4	-27.6	316.6	21.5	15.3	-15.1	286.9	288.7	0.6	62.5	8.5 134	8.5 134
11.3	45.0	402.4	600.0	-23.2	-27.5	316.5	22.3	15.3	-16.2	289.4	291.4	0.7	67.0	9.7 134	9.7 134
12.3	48.0	432.7	575.0	-25.4	-29.0	317.4	23.3	15.6	-17.2	290.3	292.1	0.6	71.7	11.0 134	11.0 134
13.3	50.9	463.6	550.0	-27.6	-31.1	319.6	24.8	17.4	-20.4	291.4	293.0	0.5	71.8	12.4 135	12.4 135
14.6	54.3	495.4	525.0	-29.5	-31.6	320.6	29.8	18.4	-23.1	292.9	293.6	0.2	30.2	14.6 136	14.6 136
15.3	57.3	531.2	500.0	-32.1	-34.1	319.5	24.4	14.3	-21.6	293.8	294.2	0.1	23.3	16.1 136	16.1 136
16.4	60.3	567.4	475.0	-35.4	-38.5	326.3	25.8	14.3	-21.4	294.2	294.5	0.1	25.9	17.7 136	17.7 136
17.6	63.5	604.4	450.0	-36.7	-40.5	326.3	25.8	14.3	-21.4	294.2	294.5	0.1	25.9	19.7 136	19.7 136
18.0	67.3	642.4	425.0	-39.9	-46.1	326.3	31.4	17.5	-28.5	297.9	298.0	0.0	15.2	22.0 140	22.0 140
19.0	70.3	681.6	400.0	-43.7	-46.1	326.3	33.5	17.5	-28.5	297.9	298.0	0.0	15.2	24.0 140	24.0 140
20.0	74.1	728.4	375.0	-47.6	-46.1	326.3	35.3	20.0	-32.7	298.6	299.9	0.0	99.9	27.0 141	27.0 141
20.7	78.0	776.0	350.0	-51.0	-46.1	326.3	38.7	21.6	-32.7	299.9	299.9	0.0	99.9	29.0 141	29.0 141
21.7	82.1	821.2	325.0	-54.6	-46.1	326.3	35.0	18.7	-30.5	301.4	301.4	0.0	99.9	31.0 142	31.0 142
22.3	86.0	875.1	300.0	-58.3	-46.1	326.3	35.4	19.2	-24.8	307.5	307.5	0.0	99.9	33.5 142	33.5 142
23.1	90.3	927.9	275.0	-59.7	-46.1	326.3	34.7	20.9	-27.7	314.5	314.5	0.0	99.9	36.0 143	36.0 143
24.2	95.0	984.6	250.0	-63.5	-46.1	326.3	31.5	22.8	-24.6	315.5	315.5	0.0	99.9	38.5 143	38.5 143
25.4	99.9	1034.8	225.0	-67.0	-46.1	326.3	27.1	19.1	-19.2	317.4	317.4	0.0	99.9	41.0 143	41.0 143
26.1	105.0	1132.0	200.0	-62.6	-46.1	326.3	32.3	22.1	-23.5	319.5	319.5	0.0	99.9	43.5 143	43.5 143
26.9	110.4	1212.4	175.0	-51.9	-46.1	326.3	26.3	17.4	-19.8	324.2	324.2	0.0	99.9	46.0 143	46.0 143
27.5	116.3	1319.7	150.0	-57.9	-46.1	326.3	29.1	21.0	-19.3	328.9	328.9	0.0	99.9	48.5 143	48.5 143
28.6	123.7	1430.5	125.0	-54.7	-46.1	326.3	24.7	18.9	-16.0	335.9	335.9	0.0	99.9	51.0 143	51.0 143
29.3	131.0	1577.1	100.0	-57.4	-46.1	326.3	24.3	20.2	-13.6	416.6	416.6	0.0	99.9	53.5 143	53.5 143
30.2	138.7	1760.9	75.0	-57.8	-46.1	326.3	14.6	15.3	-6.5	431.8	431.8	0.0	99.9	56.0 143	56.0 143
30.3	146.7	2013.1	50.0	-59.4	-46.1	326.3	14.6	11.0	-9.3	503.1	503.1	0.0	99.9	58.5 143	58.5 143
30.9	00.4	00.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN A NEG.

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION MU. 455  
ST CLOUD, MINN

6 FEBRUARY 1975  
2315 GMT

104 30. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX STD G/M/K	RM PCT	RANGE KM	AZ DG
0.0	0.1	112.0	970.3	-15.7	-21.1	240.0	5.1	5.0	-0.4	250.2	201.0	0.7	62.6	9.0	0.
0.0	0.1	99.9	1000.0	94.9	94.9	90.9	30.9	40.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	0.1	141.6	975.0	-15.8	-21.1	277.7	5.5	5.4	-0.7	250.3	201.2	0.7	63.4	8.1	27.
0.7	0.1	537.1	950.0	-17.1	-21.3	276.1	7.1	7.3	-0.6	250.9	201.8	0.7	69.9	0.3	91.
1.4	10.1	716.4	920.0	-17.1	-21.2	277.3	9.5	9.4	-1.2	250.8	201.8	0.8	83.5	0.7	96.
2.2	12.2	939.7	900.0	-20.4	-21.1	282.5	9.5	9.3	-2.1	260.5	202.6	0.8	94.4	1.1	98.
2.9	14.3	1149.9	875.0	-15.8	-25.2	277.1	9.6	9.5	-1.2	267.5	209.0	0.6	93.9	1.5	97.
3.6	16.2	1364.1	850.0	-16.4	-27.3	274.1	10.1	10.0	-1.4	268.6	273.0	0.5	39.5	2.0	97.
4.3	18.3	1541.6	825.0	-18.1	-28.3	242.0	10.7	9.9	-4.0	269.5	270.7	0.4	40.4	2.4	98.
5.2	20.4	1821.1	800.0	-19.6	-25.7	305.7	13.5	11.0	-7.8	270.4	272.0	0.4	57.8	3.0	102.
5.4	22.5	2056.4	775.0	-21.0	-25.1	306.7	15.4	12.0	-9.7	271.3	273.0	0.6	68.1	3.5	107.
6.7	24.3	2291.8	750.0	-20.7	-31.6	312.7	15.5	11.4	-10.5	274.1	274.8	0.2	20.9	4.3	111.
7.4	26.4	2540.4	725.0	-20.6	-37.6	322.7	16.6	10.2	-13.4	276.9	277.5	0.2	20.8	5.0	115.
8.4	28.4	2734.2	700.0	-20.7	-35.9	324.4	18.1	9.2	-15.6	279.5	280.3	0.2	24.0	5.8	120.
9.3	30.3	2977.5	675.0	-21.6	-35.5	326.1	18.6	9.8	-15.8	281.5	282.5	0.3	29.8	6.7	124.
10.1	32.3	3154.9	650.0	-21.5	-34.0	320.1	18.9	12.2	-14.5	282.4	283.4	0.3	37.0	7.7	127.
11.1	34.7	3411.1	625.0	-24.5	-35.4	313.7	20.4	16.7	-14.1	284.4	285.4	0.3	35.4	8.9	128.
12.1	36.1	3617.6	600.0	-25.9	-34.4	316.2	21.3	16.3	-14.9	286.2	287.2	0.3	44.3	10.2	129.
13.5	41.9	4244.3	575.0	-27.4	-36.0	321.9	20.8	14.0	-15.4	287.9	288.0	0.3	43.3	11.6	130.
14.6	46.7	4561.4	550.0	-29.4	-40.7	317.1	14.0	12.9	-14.0	288.7	289.4	0.1	23.7	13.0	131.
15.9	47.0	4744.1	525.0	-37.0	-47.0	320.3	19.3	12.4	-14.9	287.9	290.3	0.1	20.8	14.5	131.
17.1	50.5	4736.4	510.0	-34.9	-45.3	324.6	16.3	10.8	-14.6	290.5	290.8	0.1	21.1	15.8	132.
18.5	53.4	4577.1	475.0	-37.9	-51.6	321.9	16.8	10.4	-13.2	291.3	291.3	0.1	22.6	17.2	133.
19.9	56.4	4961.0	450.0	-40.2	-49.9	318.9	14.9	12.4	-14.3	292.7	292.9	99.9	99.9	18.7	134.
21.3	59.7	5150.4	425.0	-42.8	-49.7	321.1	10.3	12.1	-15.0	294.2	294.9	99.9	99.9	20.3	136.
22.9	61.1	5744.4	400.0	-40.2	-49.7	323.9	18.9	11.2	-15.3	295.0	295.9	99.9	99.9	22.1	135.
24.8	66.6	7187.0	375.0	-44.8	-49.9	318.1	19.3	12.9	-14.4	297.0	297.9	99.9	99.9	24.2	136.
26.6	70.1	7415.0	350.0	-50.9	-49.9	310.9	14.7	10.9	-12.9	300.1	299.9	99.9	99.9	26.5	135.
28.4	74.0	4111.1	325.0	-54.4	-49.9	308.4	21.0	17.3	-12.0	303.6	299.9	99.9	99.9	28.8	135.
30.6	78.0	4622.2	300.0	-54.0	-49.9	302.8	22.8	19.1	-12.1	303.6	299.9	99.9	99.9	31.2	134.
32.4	81.8	4159.3	275.0	-58.7	-49.9	308.2	23.8	18.7	-14.7	310.3	299.9	99.9	99.9	33.9	133.
35.0	86.2	4772.4	250.0	-54.3	-49.9	304.5	23.5	15.3	-13.3	323.8	299.9	99.9	99.9	37.6	133.
37.4	91.2	4664.3	225.0	-52.4	-49.9	240.3	25.4	22.3	-12.1	318.2	299.9	99.9	99.9	41.9	132.
41.1	96.4	4111.1	200.0	-52.1	-49.9	302.4	21.8	25.1	-12.4	350.3	299.9	99.9	99.9	46.9	131.
46.7	102.3	4207.4	175.0	-51.5	-49.9	296.3	25.7	27.4	-12.6	350.3	299.9	99.9	99.9	52.2	130.
48.7	104.5	4107.6	150.0	-52.7	-49.9	307.6	22.9	18.1	-13.7	379.3	299.9	99.9	99.9	58.2	129.
53.6	115.3	4274.7	125.0	-54.7	-49.9	305.7	24.1	19.4	-14.1	390.0	299.9	99.9	99.9	64.1	128.
59.2	124.3	4366.5	100.0	-57.3	-49.9	287.5	22.1	21.1	-6.7	417.0	299.9	99.9	99.9	71.4	127.
66.0	133.5	4490.1	75.0	-57.2	-49.9	293.4	20.4	18.9	-8.2	450.3	299.9	99.9	99.9	80.9	126.
75.6	144.0	20025.4	50.0	-61.6	-49.9	304.3	24.3	20.0	-13.7	490.3	299.9	99.9	99.9	91.7	125.
99.9	44.3	44.3	25.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	999.9	999.9

0 BY SLOPED MEANS ELEVATION ANGLE REF. BEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TEM HAVE BEEN INTERPOLATED  
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG.

STATION NO. 662  
RAPID CITY, S D  
6 FEBRUARY 1975  
2315 GMT

TIME MIN	CNCT	HEIGHT GPM	PPFS WD	TEMP DG C	DRW PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.5	999.0	903.8	-10.0	-16.7	100.0	2.6	-0.9	2.4	271.0	274.1	1.1	58.0	0.0	0.
00.9	98.9	1000.0	903.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	999.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	999.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	999.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	14.9	999.5	900.0	-10.7	-17.9	191.8	1.2	0.2	1.1	270.6	273.5	1.0	55.0	0.1	357.
0.9	17.0	1216.1	875.0	-8.7	-20.8	212.6	1.0	0.5	0.8	274.9	277.2	0.8	36.6	0.1	3.
1.7	19.5	1480.5	850.0	-9.1	-21.3	204.0	4.0	4.0	0.4	276.7	279.0	0.8	36.1	0.2	17.
2.5	21.3	1673.6	825.0	-7.3	-21.7	210.9	13.6	10.3	-8.9	281.0	283.3	0.8	30.6	0.5	94.
3.5	22.2	1911.9	800.0	-8.6	-20.5	305.3	14.5	11.9	-8.4	282.1	284.6	0.9	37.2	1.2	116.
4.3	26.4	2157.1	775.0	-10.6	-20.6	301.9	16.0	13.5	-8.4	282.5	285.2	1.0	43.6	2.0	119.
5.1	23.1	2420.2	750.0	-12.6	-21.1	302.4	20.0	16.7	-10.7	283.0	285.7	0.9	48.9	2.8	120.
6.0	31.7	2664.7	725.0	-12.9	-35.6	304.1	21.0	17.4	-11.8	285.3	288.2	0.3	14.4	3.9	121.
6.9	34.3	2911.4	700.0	-14.3	-40.1	312.4	21.5	15.9	-14.5	286.6	289.2	0.2	9.1	5.1	122.
7.9	36.9	3278.2	675.0	-16.1	-35.9	314.7	23.5	16.7	-16.5	287.7	290.1	0.3	16.3	6.4	125.
8.9	39.9	3491.9	650.0	-17.8	-26.1	315.4	25.6	18.0	-18.2	288.9	291.0	0.7	48.0	7.8	127.
9.9	42.3	3744.4	625.0	-19.2	-28.4	316.4	28.0	19.3	-20.3	290.6	292.4	0.6	44.9	9.5	128.
10.9	45.1	4017.4	600.0	-20.3	-36.5	318.9	30.0	19.7	-22.6	292.7	293.6	0.3	21.9	11.3	130.
12.0	48.1	4402.3	575.0	-21.6	-26.4	320.7	30.6	19.4	-23.7	294.8	297.1	0.8	65.0	13.2	131.
13.2	51.1	4724.2	550.0	-24.3	-27.8	318.3	30.9	20.6	-23.1	295.3	297.5	0.7	72.8	15.4	133.
14.4	54.3	5016.5	525.0	-21.8	-31.0	318.3	33.9	22.5	-25.3	297.4	299.1	0.5	61.3	17.7	133.
15.6	57.9	5418.4	500.0	-28.4	-34.1	320.1	32.0	20.5	-24.5	298.4	299.8	0.4	57.5	20.2	134.
17.0	60.7	5784.1	475.0	-31.1	-36.8	322.5	30.5	18.6	-24.2	299.5	300.6	0.3	56.8	22.5	135.
18.3	64.1	6165.5	450.0	-33.1	-40.3	324.7	35.1	20.3	-28.7	301.6	302.4	0.2	48.2	25.1	136.
19.7	67.4	6565.2	425.0	-35.9	-45.0	322.5	34.0	20.7	-26.9	303.0	303.5	0.2	38.1	28.2	137.
21.1	70.9	6987.9	400.0	-39.8	-49.0	322.6	32.5	19.7	-25.8	303.2	303.6	0.1	36.3	31.0	137.
22.7	74.6	7421.2	375.0	-42.6	99.9	329.4	32.3	16.4	-27.8	305.0	309.9	99.9	999.9	34.0	138.
24.4	78.7	7881.3	350.0	-46.1	99.9	332.0	35.6	16.7	-31.4	306.6	309.9	99.9	999.9	36.9	139.
26.0	82.7	8373.3	325.0	-49.7	99.9	337.0	38.0	20.7	-31.8	308.2	309.9	99.9	999.9	40.7	140.
27.6	86.9	8891.7	300.0	-53.6	99.9	325.5	30.9	17.5	-25.5	309.8	309.9	99.9	999.9	44.0	140.
29.5	91.4	9433.9	275.0	-57.1	99.9	324.3	43.7	25.	-35.5	312.6	309.9	99.9	999.9	48.4	141.
31.4	96.0	10094.8	250.0	-59.8	99.9	329.2	35.1	18.0	-30.2	317.1	309.9	99.9	999.9	53.2	141.
33.6	101.3	10707.7	225.0	-58.5	94.9	370.9	45.8	26.9	-35.6	328.9	309.9	99.9	999.9	58.3	142.
36.2	106.8	11454.1	200.0	-55.0	99.9	314.7	37.7	26.4	-26.5	345.6	309.9	99.9	999.9	63.7	142.
38.9	112.5	12307.8	175.0	-55.8	99.9	315.2	32.4	22.8	-23.0	357.8	309.9	99.9	999.9	69.2	141.
42.2	119.0	13235.7	150.0	-51.6	99.9	321.9	27.7	17.1	-21.8	381.1	309.9	99.9	999.9	76.6	141.
45.6	126.0	14463.1	125.0	-56.0	99.9	100.6	29.6	25.5	-15.1	393.6	309.9	99.9	999.9	81.7	140.
50.1	134.0	15482.8	100.0	-59.1	99.9	297.1	17.2	10.8	-5.5	413.5	309.9	99.9	999.9	88.8	139.
55.7	141.8	17482.4	75.0	-58.6	99.9	321.6	29.3	18.2	-23.0	450.9	309.9	99.9	999.9	96.0	138.
63.6	150.0	20213.0	50.0	-62.5	99.9	316.0	28.3	19.7	-20.3	496.3	309.9	99.9	999.9	103.2	138.
75.5	158.7	24482.8	25.0	-66.0	99.9	345.0	18.2	4.7	-17.5	595.3	309.9	99.9	999.9	116.4	139.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DE'S

0 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2315 GMT

100 15. 0

TIME MIN	ENTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	130.0	940.0	0.5	-3.2	290.0	5.2	4.9	-1.8	274.4	282.1	3.0	76.0	0.0	0.
02.9	99.9	91.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	7.7	350.8	975.0	-1.0	-3.2	306.8	10.9	8.7	-6.5	274.5	282.5	3.1	84.8	0.2	123.
1.4	10.3	557.4	950.0	-3.0	-3.9	306.8	10.5	8.4	-6.2	274.5	282.5	3.0	93.7	0.7	125.
2.2	12.0	764.0	925.0	-5.2	-5.4	305.9	9.6	7.8	-5.6	274.4	281.6	2.8	98.4	1.2	126.
2.9	14.4	942.9	900.0	-6.8	-6.6	305.7	9.2	7.5	-5.4	275.1	281.8	2.6	101.5	1.6	126.
3.7	16.5	1202.8	875.0	-7.6	-7.6	309.2	9.9	7.7	-6.2	276.2	282.8	2.5	101.3	2.1	126.
4.5	18.8	1439.4	850.0	-7.8	-7.8	314.6	11.0	7.8	-8.1	280.2	285.0	2.5	101.3	2.6	127.
5.3	21.0	1660.6	825.0	-8.2	-10.1	314.2	10.7	8.3	-8.1	280.2	285.0	2.5	101.3	3.1	129.
6.3	23.3	1849.1	800.0	-9.6	-11.4	308.3	10.7	8.0	-8.3	281.3	286.6	2.0	87.0	3.7	129.
7.3	25.3	2143.2	775.0	-9.8	-12.2	307.6	12.0	9.5	-7.3	283.5	288.9	1.9	82.4	4.4	129.
8.3	28.1	2334.1	750.0	-9.8	-15.1	307.4	12.4	10.0	-7.8	287.4	291.9	1.6	59.4	5.1	129.
9.2	30.3	2533.5	725.0	-9.8	-19.8	303.7	13.6	11.3	-7.6	288.8	292.0	1.1	43.8	5.9	129.
10.3	33.6	2630.4	700.0	-11.5	-23.6	296.1	15.7	14.1	-6.9	289.8	292.2	0.8	35.9	6.8	127.
11.3	36.1	2703.3	675.0	-13.1	-28.9	289.1	17.3	16.3	-5.7	291.0	292.6	0.5	29.1	7.8	125.
12.5	38.9	2844.4	650.0	-14.8	-31.5	285.2	19.1	18.4	-5.0	292.2	293.6	0.4	22.6	9.0	123.
13.4	41.4	2930.7	625.0	-16.8	-36.4	285.8	19.9	19.1	-5.4	293.4	294.3	0.3	16.0	10.3	122.
14.9	44.4	3036.2	600.0	-18.7	-37.0	277.3	20.4	20.3	-5.4	294.5	295.3	0.3	17.9	11.7	118.
16.2	47.5	3117.3	575.0	-20.6	-42.0	274.2	23.8	23.8	-5.7	295.9	296.4	0.2	12.6	13.3	115.
17.4	50.3	3234.8	550.0	-23.0	-45.2	273.0	25.9	25.9	-1.4	296.8	297.2	0.1	11.0	15.1	113.
18.7	53.5	3378.7	525.0	-26.1	-47.7	269.5	26.8	26.8	0.3	297.0	297.4	0.1	11.0	17.1	110.
20.1	56.6	3474.5	500.0	-29.2	-48.0	263.3	26.9	26.8	3.1	297.4	297.8	0.1	14.2	19.1	108.
21.8	60.0	3594.1	475.0	-31.0	-49.1	258.4	36.8	36.0	7.4	297.6	299.9	0.1	14.8	21.5	104.
23.0	63.5	3716.7	450.0	-37.4	-49.6	254.1	40.1	44.6	12.7	302.5	302.8	0.1	15.9	24.7	100.
24.5	66.9	3830.1	425.0	-37.4	-50.0	250.7	54.4	55.1	19.4	308.2	308.5	0.1	14.4	29.3	96.
26.2	70.5	3904.7	400.0	-32.3	-50.4	248.4	70.4	65.5	25.9	313.0	313.3	0.1	14.5	33.9	91.
28.1	74.3	3941.8	375.0	-34.8	-52.3	248.6	77.0	71.8	28.1	315.5	315.7	0.1	14.7	43.2	87.
29.9	78.5	3941.0	350.0	-37.0	-54.1	242.7	61.9	55.0	28.4	318.7	319.0	0.1	14.9	51.3	84.
31.9	82.7	4044.0	325.0	-41.4	-58.9	249.9	98.8	92.8	34.0	319.7	319.9	0.9	99.9	57.8	81.
34.0	87.0	4040.5	300.0	-46.0	-59.9	249.4	36.4	90.4	33.3	320.5	320.5	99.9	99.9	73.5	79.
36.2	91.4	4044.6	275.0	-50.3	-59.4	243.5	26.8	24.0	11.9	324.3	324.3	99.9	99.9	80.2	78.
38.6	96.8	4124.9	250.0	-51.6	-59.9	251.2	75.7	71.7	24.4	329.4	329.4	99.9	99.9	85.5	77.
41.1	102.2	4196.1	225.0	-53.6	-59.9	251.6	91.5	88.7	29.4	336.3	336.3	99.9	99.9	97.6	77.
44.2	108.3	4161.4	200.0	-53.2	-59.9	251.7	80.5	76.4	25.3	348.5	348.5	99.9	99.9	116.2	76.
47.3	114.5	4247.9	175.0	-54.7	-59.9	242.0	47.2	41.7	22.2	359.6	359.6	99.9	99.9	130.3	75.
50.4	121.0	4345.3	150.0	-57.6	-59.9	246.8	18.7	17.2	7.4	370.8	370.8	99.9	99.9	148.3	75.
53.1	128.7	4460.5	125.0	-59.4	-59.9	256.3	36.0	35.0	6.5	367.4	367.4	99.9	99.9	158.5	75.
60.7	137.0	4500.9	100.0	-59.7	-59.9	260.6	49.0	48.3	8.0	412.5	412.5	99.9	99.9	157.9	75.
66.9	146.0	4572.3	75.0	-61.7	-59.9	266.4	41.8	41.2	2.6	443.5	443.5	99.9	99.9	173.5	74.
75.0	156.3	4528.6	50.0	-63.2	-59.9	274.9	16.4	-16.0	-8.3	494.7	494.7	99.9	99.9	187.2	74.
88.6	167.0	4555.1	25.0	-62.6	-59.9	256.2	13.5	13.1	3.2	604.6	604.6	99.9	99.9	188.2	76.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



Sounding Data

7 February 1975

0600 GMT

**PRECEDING PAGE BLANK NOT FILMED**

STATION NO. 208  
CHARLESTON, SC7 FEBRUARY 1975  
515 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	13.0	1009.5	11.1	7.0	300.0	6.2	5.4	-3.1	284.4	300.5	6.3	76.0	0.0	0.
0.3	5.7	83.8	1000.0	10.8	7.0	302.8	10.4	6.7	-5.6	284.7	301.0	6.3	77.3	0.2	72.
0.9	7.5	294.5	975.0	9.2	5.5	306.5	13.4	10.8	-8.0	285.1	300.2	5.8	77.6	0.5	119.
1.5	9.3	504.5	950.0	7.3	4.0	308.3	15.1	11.9	-9.4	285.3	299.4	5.4	79.0	1.1	125.
2.1	11.3	729.4	925.0	5.9	2.9	301.9	15.9	13.5	-8.4	286.0	299.5	5.1	81.2	1.7	125.
2.8	13.4	932.4	900.0	4.9	3.5	282.7	14.6	14.2	-3.2	287.2	301.7	5.5	90.8	2.3	122.
3.5	15.4	1102.9	875.0	4.5	3.7	261.3	14.3	14.1	2.2	289.2	304.3	5.7	94.7	2.8	116.
4.2	17.4	1419.1	850.0	4.1	0.8	245.2	16.9	17.1	7.9	291.1	304.2	4.9	80.7	3.3	107.
5.0	19.0	1612.1	825.0	4.1	-8.8	249.6	24.6	23.0	8.6	293.3	300.1	2.4	38.3	4.2	98.
5.9	21.5	1712.0	800.0	2.9	-7.0	248.4	25.8	24.0	9.3	294.6	302.6	2.8	48.2	5.4	91.
6.8	23.5	2118.0	775.0	0.7	-8.4	249.2	25.9	24.2	9.2	294.9	302.1	2.5	48.9	6.7	86.
7.5	25.9	2430.7	750.0	-1.2	-8.2	251.8	27.2	25.8	8.5	295.7	303.5	2.7	58.5	7.8	84.
8.4	28.2	2720.3	725.0	-3.0	-11.2	253.7	24.2	27.1	7.9	296.4	302.9	2.2	53.1	9.2	82.
9.3	30.0	2777.7	700.0	-4.2	-13.1	249.4	29.2	27.3	10.3	298.1	303.9	2.0	49.8	10.7	81.
10.2	31.2	3264.7	675.0	-3.7	-30.9	245.2	32.5	29.5	13.7	301.5	302.9	0.4	9.9	12.4	79.
11.2	35.3	3561.9	650.0	-5.3	-29.1	248.0	35.7	33.1	13.4	303.0	304.7	0.5	13.3	14.3	77.
12.2	38.3	3868.2	625.0	-7.5	-20.7	250.3	38.0	35.8	12.8	304.0	307.7	1.2	33.7	16.6	76.
13.2	40.3	4148.2	600.0	-10.0	-14.3	249.1	40.4	37.7	14.4	304.7	310.8	2.0	68.2	19.0	75.
14.2	43.1	4512.5	575.0	-10.7	-21.2	248.5	39.9	37.2	14.6	307.6	311.4	1.2	41.7	21.4	75.
15.2	46.0	4834.1	550.0	-11.1	-25.9	250.5	44.5	42.0	14.9	311.0	313.7	0.8	28.0	23.8	74.
16.4	48.9	5210.1	525.0	-13.0	-23.9	248.4	48.5	45.1	17.9	312.9	316.3	1.1	39.4	27.3	74.
17.7	51.8	5580.1	500.0	-16.0	-26.9	247.3	48.4	44.7	18.7	313.6	316.4	0.8	38.2	31.1	73.
18.8	53.9	5964.5	475.0	-18.9	-27.7	247.6	50.7	46.9	19.3	314.7	317.4	0.8	45.5	34.3	72.
20.1	57.9	6315.8	450.0	-20.9	-33.6	249.2	49.0	45.8	17.4	317.0	318.7	0.5	30.7	38.1	72.
21.6	61.1	6786.5	425.0	-22.8	-39.7	251.0	47.9	54.7	18.8	319.7	320.7	0.3	19.8	42.9	72.
23.1	64.6	7228.9	400.0	-25.7	-48.8	248.8	54.8	51.1	19.8	321.5	321.9	0.1	9.3	48.1	72.
24.7	68.1	7692.7	375.0	-30.2	-48.9	249.3	59.1	55.3	20.9	321.6	322.0	0.1	14.1	53.8	71.
26.4	71.7	8140.5	350.0	-33.4	-53.4	250.2	59.7	56.2	17.4	323.6	323.9	0.1	11.3	59.1	71.
28.5	75.7	8626.1	325.0	-37.9	-59.2	250.8	53.1	50.1	17.4	324.3	324.5	0.0	8.6	66.0	71.
30.7	79.3	9122.5	300.0	-42.0	99.0	246.0	60.4	55.2	24.5	326.2	329.9	99.9	99.9	74.6	71.
32.6	82.2	9625.3	275.0	-46.6	99.9	235.1	52.5	41.1	30.0	327.7	329.9	99.9	99.9	80.1	70.
34.7	85.8	10149.6	250.0	-52.2	99.9	224.9	49.3	34.8	34.9	328.5	329.9	99.9	99.9	86.8	69.
36.9	89.3	11122.2	225.0	-57.9	99.9	233.8	78.6	63.4	46.4	329.8	329.9	99.9	99.9	94.2	67.
39.2	92.1	11858.1	200.0	-61.4	99.9	218.3	24.2	15.0	19.0	335.5	329.9	99.9	99.9	102.2	66.
42.1	105.3	12632.7	175.0	-60.5	99.9	242.0	90.5	79.9	42.5	350.1	329.9	99.9	99.9	111.1	65.
45.8	111.9	13645.4	150.0	-63.1	99.9	252.5	35.5	33.9	10.5	361.3	329.9	99.9	99.9	122.7	65.
50.4	119.3	14766.3	125.0	-64.4	99.9	269.5	19.2	19.2	0.1	378.4	329.9	99.9	99.9	143.4	66.
55.8	128.0	16133.5	100.0	-64.5	99.9	247.9	34.8	32.2	13.1	403.2	329.9	99.9	99.9	158.7	67.
62.4	137.7	17871.3	75.0	-68.8	99.9	236.8	29.4	24.6	16.1	428.7	329.9	99.9	99.9	170.9	68.
71.7	147.7	20336.5	50.0	-64.3	99.9	252.8	48.3	46.1	14.3	492.1	329.9	99.9	99.9	188.3	67.
88.5	158.5	24800.9	25.0	-62.5	99.9	994.0	90.4	99.9	99.9	605.2	329.9	99.9	99.9	999.9	999.

0.0 - 10.0 MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0.1 - 10.0 MEANS TEMPERATURE UN TIME HAVE BEEN INTERPOLATED  
 99.9 - 100.0 MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
556 GMT

TIME MIN	CNTCT	HEIGHT GCM	PROFS MU	TEMP DG C	DFW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.1	3.0	1012.8	17.4	15.7	330.0	3.6	1.0	-3.1	291.0	319.8	11.2	90.0	0.0	0.
0.5	6.1	117.0	1000.0	17.5	14.1	999.9	99.9	99.9	99.9	292.0	318.5	10.2	80.8	999.9	999.
1.3	8.4	331.2	975.0	15.9	10.5	999.9	99.9	99.9	99.9	293.3	314.0	8.3	70.7	999.9	999.
2.0	10.2	551.1	920.0	15.0	12.7	297.3	7.5	6.6	-3.5	293.8	319.8	9.9	87.3	0.9	132.
2.9	13.0	740.0	925.0	14.1	13.1	283.1	6.7	6.4	-2.0	295.1	322.2	10.3	94.1	1.3	125.
3.7	15.3	1011.5	900.0	13.8	12.0	273.6	9.9	9.9	-0.3	297.0	323.3	9.9	89.1	1.7	117.
4.5	17.6	1243.4	875.0	12.9	8.8	273.5	10.6	10.6	-1.0	298.1	317.6	7.2	67.2	2.1	112.
5.3	20.2	1492.4	850.0	11.6	5.4	273.2	12.4	12.3	-1.8	299.2	317.4	6.8	67.6	2.7	109.
6.3	22.6	1742.2	825.0	9.9	7.6	266.8	13.7	13.7	0.8	300.1	321.8	6.0	85.5	3.4	105.
7.2	25.2	1998.0	800.0	8.7	5.0	268.1	17.4	17.3	1.8	301.3	320.3	6.9	77.5	4.2	102.
8.0	27.5	2260.8	775.0	7.2	4.4	261.5	19.2	19.0	2.8	302.4	321.2	6.8	82.4	5.1	98.
9.0	30.1	2533.1	750.0	5.1	3.4	260.6	20.4	20.2	3.3	303.0	321.3	6.6	88.6	6.1	95.
9.9	33.1	2805.4	725.0	4.2	1.0	260.7	21.9	21.6	3.5	303.8	321.0	5.7	79.8	7.4	93.
10.9	35.7	3097.1	700.0	2.8	-4.8	263.9	22.7	22.6	2.4	306.1	317.3	3.8	56.9	8.6	91.
11.9	38.5	3385.6	675.0	1.5	-13.0	269.4	23.1	23.1	0.3	307.6	313.9	2.1	32.9	10.1	90.
13.0	41.2	3681.1	650.0	-1.1	-13.8	270.4	23.2	23.2	-0.1	307.9	314.1	2.0	37.3	11.5	90.
14.1	44.2	3991.3	625.0	-3.7	-17.6	270.7	25.8	25.6	1.5	308.4	313.1	1.5	32.8	13.1	90.
15.3	47.3	4320.3	600.0	-5.7	-11.5	261.4	29.1	28.8	4.3	310.4	318.5	2.7	61.3	15.2	90.
16.6	50.2	4654.4	575.0	-8.5	-23.7	257.7	26.8	26.2	5.7	312.5	315.7	1.0	24.1	17.4	88.
17.9	53.3	5001.0	550.0	-8.2	-17.7	252.3	28.9	27.6	8.8	314.5	320.0	1.7	46.2	19.4	87.
19.1	56.4	5360.4	525.0	-10.8	-18.7	250.4	31.4	29.6	10.5	315.6	320.9	1.7	51.9	21.6	85.
20.2	59.7	5735.0	500.0	-12.3	-42.0	250.5	29.5	27.8	9.8	318.0	318.7	0.2	6.5	23.5	84.
21.6	63.1	6125.3	475.0	-14.9	-45.0	251.7	31.4	29.8	9.9	319.5	320.0	0.1	5.6	25.9	83.
23.0	66.4	6532.1	450.0	-17.7	-46.7	245.3	29.2	27.4	10.0	321.0	321.4	0.1	5.9	28.5	82.
24.6	70.1	6950.4	425.0	-19.5	-47.0	248.8	33.7	33.3	12.9	321.3	321.7	0.1	6.3	31.5	80.
26.4	73.7	7400.4	400.0	-21.0	-51.1	243.0	29.2	28.5	12.3	322.5	322.8	0.1	6.6	35.1	79.
28.1	77.5	7845.8	375.0	-24.0	-51.9	248.6	30.2	28.2	10.9	323.2	323.5	0.1	8.8	38.1	78.
30.0	81.3	9150.4	350.0	-33.2	-46.2	242.7	28.0	24.9	12.9	324.0	324.6	0.2	27.4	41.1	77.
31.7	85.4	9872.1	325.0	-37.0	-43.2	235.3	37.5	26.7	18.5	325.6	326.5	0.3	52.1	44.3	76.
33.6	89.6	9415.8	300.0	-41.9	99.9	238.4	36.6	29.7	21.3	326.3	999.9	99.9	999.9	48.0	74.
35.4	94.2	10011.1	275.0	-46.5	99.9	235.1	36.7	10.1	21.0	327.9	999.9	99.9	999.9	51.4	73.
37.8	98.3	12672.4	250.0	-50.0	99.9	248.3	38.0	16.4	14.0	331.8	999.9	99.9	999.9	56.9	72.
40.7	103.3	11314.3	225.0	-51.9	99.9	248.4	43.9	40.3	17.6	330.0	999.9	99.9	999.9	64.7	71.
43.5	109.5	12076.1	200.0	-54.0	99.9	239.8	37.9	12.5	19.5	347.3	999.9	99.9	999.9	73.4	70.
46.7	115.2	12927.5	175.0	-59.6	99.9	239.2	45.8	39.3	23.4	351.6	999.9	99.9	999.9	84.8	69.
50.9	121.3	14844.2	150.0	-62.2	99.9	247.1	91.8	46.5	36.2	362.9	999.9	99.9	999.9	97.5	68.
55.1	128.8	16904.9	125.0	-64.8	99.9	243.7	27.4	25.0	11.3	370.5	999.9	99.9	999.9	108.7	67.
60.3	136.3	18120.9	100.0	-68.8	99.9	252.2	42.6	41.6	9.4	393.0	999.9	99.9	999.9	121.3	70.
64.0	143.7	19014.7	75.0	-73.5	99.9	248.5	18.7	17.4	6.9	418.7	999.9	99.9	999.9	131.4	70.
70.9	151.8	20453.8	50.0	-66.5	99.9	251.0	32.7	10.9	10.7	486.9	999.9	99.9	999.9	144.2	70.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA7 FEBRUARY 1975  
600 GMT

TIME MIN	CNTCT	HLGHT GPM	PRES MB	TEMP DEG C	DW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DEG
0.0	4.2	44.0	1008.4	9.6	2.0	300.0	5.1	4.4	-2.5	282.7	294.1	4.4	59.0	0.0	0.0
0.2	4.9	113.4	1000.0	8.7	2.0	999.9	99.9	99.9	99.9	282.4	294.0	4.4	62.9	999.9	99.9
0.6	6.7	122.2	975.0	6.7	2.4	999.9	99.9	99.9	99.9	282.5	294.6	4.7	74.4	999.9	99.9
1.6	4.7	515.0	950.0	4.7	2.5	999.9	99.9	99.9	99.9	282.6	295.1	4.8	85.8	999.9	99.9
2.3	10.0	752.1	925.0	3.0	0.7	300.1	13.0	10.1	-8.2	283.9	294.3	4.4	85.3	1.5	13.0
3.0	12.0	974.2	900.0	3.5	-0.2	278.7	12.5	12.3	-1.9	285.7	296.8	4.2	76.7	2.0	12.9
3.7	16.7	1204.0	875.0	5.7	2.2	248.2	15.6	15.5	5.8	280.4	296.2	5.2	78.5	2.4	11.8
4.5	16.9	1441.2	850.0	5.2	-2.7	247.4	14.6	17.2	7.2	292.1	302.2	3.7	56.6	3.0	10.6
5.3	18.3	1884.8	825.0	4.5	-6.0	249.1	21.2	19.8	7.6	293.8	302.1	3.0	46.1	3.9	9.7
6.1	20.9	1934.9	800.0	2.7	-7.6	250.1	21.5	20.2	7.3	295.4	302.0	2.7	46.4	4.8	9.1
7.0	23.1	2170.4	775.0	0.8	-17.5	258.0	21.5	21.0	4.5	298.8	298.5	1.3	24.0	5.9	8.8
8.1	25.4	2473.5	750.0	-0.9	-16.6	261.2	25.1	24.8	3.8	298.7	298.9	1.4	29.8	7.3	8.7
8.9	27.6	2773.4	725.0	-1.2	-20.7	255.7	28.3	27.5	7.0	298.3	301.5	1.0	22.0	8.7	8.6
9.9	30.1	3003.1	700.0	-0.9	-24.7	253.2	30.8	29.5	8.9	301.6	303.1	0.5	9.0	10.4	8.3
10.4	32.6	3212.7	675.0	-2.3	-30.7	255.9	34.6	33.5	6.4	303.1	304.5	0.4	9.2	12.1	8.2
11.6	35.1	3491.1	650.0	-4.5	-17.4	257.1	36.6	35.7	6.2	308.1	308.5	1.4	34.2	14.0	8.1
12.7	37.3	3648.0	625.0	-7.2	-14.3	257.5	39.6	38.7	8.6	308.5	310.6	2.0	56.9	16.3	8.0
13.7	40.2	4216.3	600.0	-7.7	-19.6	256.7	41.3	40.2	9.5	307.4	311.6	1.4	38.2	18.7	8.0
14.8	42.9	4447.6	575.0	-8.3	-19.4	255.0	42.9	41.5	11.1	310.4	314.8	1.4	39.8	21.6	8.0
15.9	45.6	4711.0	550.0	-10.0	-20.2	252.8	45.0	43.0	13.3	312.4	316.8	1.4	42.9	24.4	7.9
17.0	48.6	5249.5	525.0	-11.7	-25.6	251.6	46.6	44.2	14.7	314.4	317.4	0.9	30.4	27.5	7.8
18.1	51.4	5621.7	500.0	-14.0	-27.6	250.6	48.9	42.3	14.9	316.1	318.7	0.8	30.5	30.6	7.8
19.3	54.5	6009.4	475.0	-16.3	-33.0	250.8	45.8	43.3	15.1	317.8	319.5	0.5	22.1	34.1	7.7
20.7	57.5	6414.4	450.0	-18.9	-34.1	253.2	51.8	48.9	14.7	319.4	320.4	0.3	14.9	37.8	7.6
22.2	60.4	6838.0	425.0	-21.2	-51.2	250.9	48.4	45.7	15.6	321.8	322.1	0.1	4.9	42.2	7.6
23.8	63.4	7282.9	400.0	-24.3	-62.9	246.2	51.9	47.4	20.9	323.3	323.4	0.0	3.3	51.7	7.6
25.3	67.9	7749.0	375.0	-28.7	-54.6	245.9	55.8	50.6	22.6	323.5	323.6	0.0	8.7	57.1	7.6
27.0	71.3	8214.5	350.0	-33.3	-57.4	246.6	49.8	45.7	19.4	323.8	324.0	0.0	6.7	62.1	7.6
28.8	75.5	8754.4	325.0	-37.5	-60.8	246.1	51.0	46.6	20.6	323.9	325.1	0.0	99.9	68.9	7.2
30.8	79.3	9301.1	300.0	-42.3	99.9	244.2	52.0	46.8	22.6	325.7	325.9	99.9	99.9	74.4	7.1
32.8	83.2	9802.9	275.0	-47.2	99.9	239.4	51.8	44.6	24.3	325.9	326.9	99.9	99.9	87.5	6.9
35.0	86.4	10506.3	250.0	-52.8	99.9	234.9	53.8	44.0	30.9	327.6	327.6	99.9	99.9	81.0	7.0
37.3	90.3	11177.3	225.0	-58.5	99.9	239.2	60.8	52.1	31.0	328.9	328.9	99.9	99.9	97.0	6.9
40.1	95.3	11822.3	200.0	-58.2	99.9	243.9	43.9	38.4	19.3	343.9	343.9	99.9	99.9	108.5	6.8
43.7	105.3	12767.4	175.0	-58.2	99.9	241.3	55.2	48.5	25.5	354.0	354.0	99.9	99.9	121.6	6.8
46.8	112.0	13714.1	150.0	-60.8	99.9	250.0	34.8	36.4	13.3	365.4	365.4	99.9	99.9	137.7	6.7
50.6	119.3	14658.7	125.0	-64.5	99.9	247.3	65.1	60.0	25.1	378.2	378.2	99.9	99.9	149.2	6.8
55.5	128.7	16233.7	100.0	-68.3	99.9	260.5	33.9	33.5	9.6	395.9	395.9	99.9	99.9	162.3	6.8
61.6	137.1	17931.4	75.0	-65.4	99.9	249.7	26.3	26.6	9.1	431.8	431.8	99.9	99.9	180.1	6.9
70.2	144.7	20404.0	50.0	-61.2	99.9	252.2	43.8	41.7	13.4	499.3	499.3	99.9	99.9	999.9	99.9
81.9	154.3	24689.9	25.0	-60.2	99.9	999.9	99.9	99.9	99.9	612.1	612.1	99.9	99.9	999.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
600 GMT

TIME MIN	CNCT	HEIGHT GPM	PHFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	11.0	1016.1	6.5	2.4	325.0	6.2	3.4	-5.1	279.0	290.5	4.5	75.0	0.0	0.
0.4	4.4	14.2	1000.0	5.7	2.3	319.6	9.0	5.8	-6.9	279.5	291.1	4.5	78.7	0.2	135.
1.2	6.7	16.8	975.0	4.0	7.4	329.7	8.8	4.4	-7.6	279.8	291.8	4.7	89.0	0.6	140.
1.4	8.3	55.8	950.0	2.9	1.8	320.7	9.9	6.3	-7.7	280.7	292.6	4.6	92.3	0.9	146.
2.6	10.7	77.1	925.0	5.5	4.8	320.5	10.1	6.9	-1.8	285.7	300.5	5.7	92.2	1.4	136.
3.4	12.3	110.6	900.0	8.5	-14.1	256.1	11.0	10.6	2.6	290.5	298.6	1.4	18.4	1.8	122.
4.4	14.3	121.2	875.0	7.8	-13.0	261.6	12.1	12.0	1.8	292.1	298.7	1.6	21.3	2.2	112.
5.4	16.3	147.2	850.0	6.4	-12.7	255.6	12.8	12.4	3.2	293.1	298.0	1.7	24.0	2.9	104.
6.3	19.2	171.1	825.0	4.6	-11.0	260.2	12.9	12.7	2.2	293.7	298.4	1.6	25.1	3.5	98.
7.2	21.3	197.1	800.0	3.7	-18.1	262.6	15.6	15.4	2.0	294.8	298.2	1.1	19.1	4.3	96.
8.2	23.9	222.0	775.0	2.7	-14.2	251.5	20.6	19.7	5.9	296.9	301.7	1.6	27.4	5.2	92.
9.0	25.1	241.4	750.0	3.9	-15.6	253.6	24.8	23.8	7.0	301.0	303.5	1.5	22.6	6.4	88.
10.2	28.2	276.0	725.0	2.9	-11.8	256.4	30.7	29.9	7.2	302.9	305.3	2.1	33.0	8.3	86.
11.4	30.7	308.1	700.0	1.3	-9.7	253.9	35.5	34.1	9.9	304.2	312.0	2.6	43.5	10.8	81.
12.7	33.2	331.2	675.0	-1.2	-9.4	244.1	36.1	33.5	13.4	304.7	312.8	2.7	52.5	13.5	81.
13.7	35.7	361.0	650.0	-3.2	-10.5	248.1	34.4	32.0	12.9	305.7	313.6	2.0	57.1	15.5	79.
14.4	38.3	385.4	625.0	-4.5	-14.7	252.6	32.8	31.3	9.8	307.5	313.6	2.0	46.0	17.8	78.
16.0	40.4	427.2	600.0	-5.8	-19.3	250.9	34.1	32.2	11.2	309.6	313.9	1.4	33.5	20.2	77.
17.3	43.9	463.3	575.0	-8.3	-21.1	248.8	35.0	32.6	12.6	310.4	313.7	1.0	28.7	22.8	76.
18.7	46.4	498.5	550.0	-9.1	-34.8	245.2	34.9	32.6	15.1	313.0	313.8	0.2	6.6	25.8	75.
20.2	49.4	530.4	525.0	-12.0	-22.9	245.5	37.6	34.0	15.5	314.1	317.8	1.1	39.7	29.1	74.
21.4	52.1	567.5	500.0	-14.2	-27.2	245.9	35.4	32.5	14.5	315.8	319.5	0.8	32.3	32.3	73.
23.2	55.1	604.4	475.0	-15.9	-35.8	249.1	35.0	32.7	12.5	318.2	319.5	0.4	16.1	35.6	73.
24.8	58.8	643.4	450.0	-18.8	-41.6	246.3	34.8	36.4	18.0	319.5	320.3	0.2	11.2	39.1	72.
26.5	61.3	682.6	425.0	-21.8	-43.7	245.1	37.5	37.5	17.2	321.0	321.7	0.2	11.6	42.9	72.
28.1	65.1	733.0	400.0	-25.4	-47.5	244.1	37.3	33.6	16.3	321.9	323.3	0.1	10.6	47.0	71.
30.2	68.7	781.4	375.0	-28.3	-49.6	245.0	41.1	37.2	17.3	323.3	323.7	0.1	11.4	51.8	71.
32.0	72.3	829.2	350.0	-33.0	-52.5	241.3	42.5	37.3	20.4	324.2	325.3	0.1	12.5	56.3	70.
34.0	76.7	890.6	325.0	-37.4	-55.8	237.3	38.5	32.4	20.8	325.0	325.3	0.1	11.9	61.1	69.
36.2	80.1	935.0	300.0	-42.5	-59.9	234.9	40.2	32.9	23.1	325.4	325.4	99.9	99.9	67.3	68.
38.5	84.5	993.4	275.0	-47.7	-59.9	234.1	41.7	33.8	24.5	326.2	326.2	99.9	99.9	71.9	67.
40.9	89.3	1055.8	250.0	-52.8	-59.9	236.9	47.5	39.8	26.0	327.6	327.6	99.9	99.9	78.4	66.
43.4	94.3	1123.0	225.0	-53.4	-59.9	241.4	51.3	29.8	14.7	336.6	336.6	99.9	99.9	86.5	66.
46.8	99.3	1191.3	200.0	-54.1	-59.9	239.9	41.1	35.6	20.6	347.2	347.2	99.9	99.9	93.2	65.
50.2	104.3	1261.2	175.0	-57.2	-59.9	232.1	24.4	23.6	18.2	355.5	355.5	99.9	99.9	100.7	65.
54.4	110.4	1311.7	150.0	-59.3	-59.9	244.4	54.5	52.7	25.3	367.9	367.9	99.9	99.9	108.3	64.
58.3	117.7	1441.7	125.0	-65.2	-59.9	241.5	54.1	30.3	15.2	376.5	376.5	99.9	99.9	122.3	64.
64.6	125.3	1626.2	100.0	-69.0	-59.9	244.5	28.8	25.3	12.0	394.4	394.4	99.9	99.9	132.4	64.
71.5	135.1	1794.6	75.0	-70.7	-59.9	99.9	99.9	99.9	99.9	424.8	424.8	99.9	99.9	99.9	99.9
90.9	99.3	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.3	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA7 FEBRUARY 1975  
545 GMT

197 13. 0

TIME MIN	CNCT	HEIGHT GPM	PKCS MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.4	140.2	1004.9	-0.5	-5.7	345.0	4.1	1.4	-3.9	272.6	279.0	2.5	68.0	0.0	0.
0.3	7.7	170.2	1000.0	-0.6	-5.5	344.9	99.9	94.9	99.9	272.9	279.5	2.5	69.1	999.9	999.
0.6	7.4	340.9	999.9	-2.6	-4.6	344.9	99.9	99.9	99.9	272.8	280.0	2.8	86.1	999.9	999.
1.5	10.1	540.9	950.0	-5.2	-5.6	344.9	99.9	99.9	99.9	272.2	279.1	2.6	97.4	999.9	999.
2.2	12.1	745.4	925.0	-6.7	-6.7	345.1	6.0	1.6	-5.6	272.8	279.2	2.5	104.9	0.9	157.
2.9	14.6	1006.9	950.0	-7.7	-7.7	343.4	6.7	4.0	-5.4	273.9	280.1	2.4	104.5	1.1	153.
3.6	16.7	1227.9	875.0	-8.7	-8.7	327.4	8.3	4.5	-7.0	275.0	281.0	2.3	105.6	1.5	152.
4.3	19.1	1453.2	850.0	-7.6	-9.1	317.0	10.1	6.9	-7.4	278.5	284.4	2.2	87.6	1.9	150.
5.2	21.4	1686.7	825.0	-5.7	-11.3	307.4	11.6	9.2	-7.1	282.8	289.1	1.9	63.3	2.4	146.
6.1	23.9	1927.7	800.0	-6.4	-14.7	301.1	11.8	10.1	-6.1	284.4	287.3	1.0	33.8	3.0	141.
6.9	26.1	2175.5	775.0	-7.4	-21.4	304.7	12.4	10.2	-7.0	285.9	288.1	0.7	25.6	3.6	138.
7.8	28.7	2410.5	750.0	-8.1	-35.1	301.5	13.8	11.8	-7.2	287.8	289.6	0.3	9.2	4.2	136.
8.7	31.3	2643.9	725.0	-7.7	-34.8	297.2	15.6	13.8	-7.1	291.1	292.0	0.3	9.1	5.0	133.
9.7	34.0	2866.7	700.0	-7.9	-35.0	297.2	17.2	15.3	-7.9	293.7	294.6	0.3	9.1	6.0	131.
10.6	36.3	3243.3	675.0	-10.1	-36.5	294.3	18.7	17.1	-7.7	294.4	295.2	0.2	9.3	6.9	129.
11.7	39.1	3534.0	650.0	-12.1	-37.4	289.8	20.9	19.7	-7.1	295.2	296.0	0.2	9.5	8.1	126.
12.6	41.3	3816.4	625.0	-14.4	-39.5	287.9	21.0	21.9	-7.1	295.9	296.6	0.2	9.8	9.2	124.
13.6	44.3	4144.4	600.0	-17.0	-41.2	287.7	23.5	27.4	-7.1	296.5	297.0	0.2	10.0	10.6	122.
14.7	47.3	4453.2	575.0	-16.9	-41.2	286.5	24.8	23.7	-7.0	300.2	300.8	0.2	10.0	12.2	120.
15.8	50.7	4744.4	550.0	-17.7	-41.7	282.9	26.2	27.5	-6.2	303.1	303.7	0.2	10.1	13.9	118.
17.1	53.3	5144.0	525.0	-19.1	-42.8	274.9	28.0	27.6	-6.2	305.4	306.0	0.2	10.2	15.9	116.
18.3	56.4	5505.3	500.0	-21.4	-44.4	269.1	34.7	34.7	-6.5	306.8	307.4	0.1	10.4	18.0	114.
19.5	60.1	5862.4	475.0	-23.0	-45.5	262.8	42.8	42.4	-5.4	309.5	310.0	0.1	10.6	20.6	110.
21.0	63.5	6273.1	450.0	-23.4	-46.1	262.1	50.7	49.7	-6.9	313.2	313.7	0.1	10.7	24.2	105.
22.5	66.9	6648.3	425.0	-25.1	-47.1	259.8	60.5	54.5	-10.8	316.7	317.2	0.1	10.8	29.1	101.
24.1	70.4	7132.6	400.0	-27.9	-49.0	254.0	69.2	57.9	-12.3	318.7	319.1	0.1	11.1	34.4	97.
25.4	74.3	7593.1	375.0	-31.5	-51.7	256.4	62.8	61.0	-14.8	319.8	320.1	0.1	11.4	39.7	95.
27.1	78.3	8077.7	350.0	-34.8	-47.5	254.4	71.8	64.4	-13.1	321.7	322.3	0.1	25.0	46.9	92.
29.2	81.3	8541.0	325.0	-39.0	-51.4	255.4	66.2	64.2	-16.2	322.9	323.3	0.1	23.6	54.1	90.
31.7	86.0	9134.3	300.0	-43.5	-49.9	256.4	71.3	69.3	-16.8	324.0	324.9	99.9	99.9	63.4	88.
34.0	90.4	9713.2	275.0	-47.6	-49.9	254.2	69.3	66.7	-18.9	324.8	324.9	99.9	99.9	73.3	86.
36.0	95.2	10311.2	250.0	-54.7	-49.9	254.6	78.8	76.8	-15.3	324.7	324.7	99.9	99.9	82.3	85.
38.8	100.2	10907.4	225.0	-54.8	-49.9	256.5	76.4	74.2	-17.6	328.4	328.4	99.9	99.9	93.6	84.
41.7	105.9	11744.0	200.0	-55.5	-49.9	258.1	57.5	56.3	-11.8	345.0	345.0	99.9	99.9	106.2	83.
45.3	111.3	12531.7	175.0	-57.7	-49.9	244.1	71.8	71.3	-7.4	354.8	354.8	99.9	99.9	118.3	83.
49.3	117.3	13562.6	150.0	-58.9	-49.9	260.4	44.3	43.7	-7.1	374.7	374.7	99.9	99.9	131.7	83.
54.2	124.7	14605.7	125.0	-63.2	-49.9	257.7	55.2	53.9	-11.7	401.2	401.2	99.9	99.9	145.5	83.
59.7	132.3	16059.7	100.0	-75.5	-49.9	274.5	22.0	21.9	-1.7	401.2	401.2	99.9	99.9	158.9	82.
66.4	140.3	17411.4	75.0	-66.3	-49.9	91.9	15.1	15.1	-0.5	433.9	433.9	99.9	99.9	174.8	82.
73.4	148.1	23287.4	50.0	-62.5	-49.9	274.7	5.0	5.5	-0.5	496.3	496.3	99.9	99.9	198.9	82.
89.7	156.4	24543.1	25.0	-63.2	-49.9	261.0	26.7	26.4	-4.2	603.3	603.3	99.9	99.9	266.3	82.

\* MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* MV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\* MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG.

STATION NO. 232  
BROTHVILLE, LA  
7 FEBRUARY 1975  
600 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y UG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DG
0.0	5.0	1.3	1022.3	5.4	1.1	350.0	7.7	1.3	-7.6	277.3	287.8	4.1	74.0	0.0	0.
0.5	6.6	181.0	1000.0	3.9	-1.4	349.3	13.1	2.4	-12.9	277.5	286.4	3.4	68.1	0.5	170.
1.1	10.7	346.1	975.0	2.2	-0.8	343.7	12.7	3.6	-12.2	277.8	287.4	3.7	81.0	0.9	169.
1.6	10.4	595.3	950.0	0.2	-1.4	340.2	11.1	3.8	-10.5	277.9	287.3	3.6	88.6	1.4	155.
2.6	13.3	608.5	925.0	-1.8	-2.5	347.3	10.7	2.4	-10.4	277.9	286.9	3.5	95.1	1.9	165.
3.4	15.4	1027.5	900.0	0.9	-8.4	344.1	10.7	2.9	-10.3	282.8	289.1	2.4	52.7	2.4	165.
4.0	17.6	1254.1	875.0	1.7	-13.4	330.3	10.7	5.3	-9.3	285.7	290.0	1.5	38.6	2.8	165.
4.7	20.3	1498.6	850.0	3.9	-13.4	313.8	12.2	8.8	-8.5	290.4	294.9	1.5	25.8	3.2	161.
5.5	22.2	1711.0	825.0	3.5	-15.4	300.5	13.2	11.4	-6.7	292.5	296.9	1.5	25.6	3.8	156.
6.3	24.7	1979.9	800.0	2.1	-15.5	291.3	13.7	12.7	-5.1	293.6	297.8	1.4	25.7	4.3	150.
7.1	26.9	2235.4	775.0	1.0	-16.7	279.4	14.6	14.4	-2.4	295.0	299.0	1.3	25.1	4.8	145.
8.0	24.4	2474.3	750.0	-0.2	-18.0	274.3	17.7	17.6	-1.3	296.5	300.2	1.2	24.6	5.3	139.
8.9	32.9	2769.4	725.0	0.6	-18.2	276.4	23.4	23.2	-2.6	300.3	304.1	1.3	22.8	6.1	131.
9.7	34.7	3051.4	700.0	0.5	-19.1	273.8	24.5	29.5	-2.0	303.2	308.3	1.7	30.0	7.5	124.
10.7	37.1	3341.9	675.0	-1.8	-13.1	270.4	31.9	31.9	-0.4	303.9	309.9	2.0	48.9	9.0	118.
11.6	39.4	3641.5	650.0	-2.8	-17.1	268.8	31.5	31.5	0.6	306.0	310.7	1.5	32.0	10.8	113.
12.8	42.4	3951.5	625.0	-4.3	-16.6	269.0	34.5	34.5	0.6	307.8	312.9	1.7	37.6	12.5	110.
13.7	45.3	4272.2	600.0	-5.9	-16.3	267.0	35.9	35.8	1.9	309.5	314.3	1.5	37.7	14.5	107.
14.8	49.2	4604.2	575.0	-8.4	-14.9	264.3	35.1	35.0	3.1	310.3	314.6	1.4	38.7	16.6	104.
15.9	51.0	4944.7	550.0	-9.1	-21.3	263.8	37.9	37.7	4.1	313.4	317.5	1.3	36.2	18.8	101.
17.0	54.0	5307.5	525.0	-10.4	-23.4	257.2	37.2	35.6	4.8	315.5	319.9	1.1	33.3	21.3	99.
18.2	57.2	5640.1	500.0	-13.9	-26.4	259.6	35.0	34.4	6.3	316.1	319.8	0.9	33.9	23.6	97.
19.4	60.1	6044.4	475.0	-16.2	-32.1	262.5	35.4	35.1	4.6	318.0	319.8	0.5	23.6	26.2	96.
20.8	63.0	6473.0	450.0	-19.1	-35.2	257.2	37.2	36.3	6.2	319.2	320.6	0.4	22.5	28.9	94.
22.2	66.3	6946.1	425.0	-22.0	-38.1	259.6	34.1	38.5	7.1	320.8	322.0	0.3	21.4	32.1	93.
23.5	70.3	7314.1	400.0	-25.7	-40.7	257.7	32.2	38.3	8.4	321.6	322.6	0.3	22.7	35.0	91.
25.0	73.4	7801.4	375.0	-29.3	-43.8	260.6	45.2	44.6	7.4	322.8	323.6	0.2	23.5	38.0	90.
26.4	77.7	8231.9	350.0	-33.8	-45.4	260.4	45.5	44.8	7.6	323.1	323.7	0.2	28.5	42.9	89.
28.2	81.4	8606.7	325.0	-38.0	-47.7	256.8	41.8	40.7	9.5	324.2	324.8	0.1	34.3	47.4	88.
30.0	85.6	9142.4	300.0	-43.1	99.9	257.1	45.44	44.3	10.1	324.6	999.9	99.9	999.9	52.2	87.
32.1	89.8	9712.1	275.0	-48.0	99.9	257.8	44.18	48.0	10.4	325.7	999.9	99.9	999.9	57.2	86.
34.3	94.5	10554.4	250.0	-52.2	99.9	261.1	44.38	48.7	7.6	328.5	999.9	99.9	999.9	63.4	86.
36.6	99.7	11311.0	225.0	-54.1	99.9	259.7	36.98	36.3	6.6	335.7	999.9	99.9	999.9	70.7	85.
39.1	104.2	11914.6	200.0	-54.2	99.9	261.1	62.04	61.3	9.4	346.4	999.9	99.9	999.9	78.2	85.
42.1	110.0	12947.0	175.0	-56.4	99.9	252.8	79.68	77.8	11.7	356.8	999.9	99.9	999.9	86.0	84.
45.4	115.4	13911.4	150.0	-59.7	99.9	258.7	43.38	42.4	8.5	367.2	999.9	99.9	999.9	94.3	83.
49.1	122.4	14940.4	125.0	-65.0	99.9	258.4	48.88	47.8	9.8	377.3	999.9	99.9	999.9	104.3	83.
53.5	130.3	16245.7	100.0	-70.0	99.9	264.2	49.38	46.3	0.6	382.5	999.9	99.9	999.9	117.8	83.
58.1	134.7	17937.4	75.0	-70.1	99.9	260.1	32.38	31.8	5.5	426.1	999.9	99.9	999.9	129.8	83.
66.3	147.5	20433.4	50.0	-65.1	99.9	104.0	10.08	-9.7	2.4	490.1	999.9	99.9	999.9	142.9	83.
78.5	157.1	24732.1	25.0	-61.0	99.9	247.8	24.58	22.7	9.3	609.8	999.9	99.9	999.9	155.2	82.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2JS  
JACKSON, MISS7 FEBRUARY 1975  
515 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	150.0	1012.5	0.1	-2.1	330.0	6.2	3.1	-5.4	272.7	280.9	3.2	65.0	0.0	0.
0.5	5.5	194.1	1000.0	-2.5	-6.4	330.0	99.9	99.9	99.9	271.0	277.1	2.4	74.2	999.9	999.
1.4	7.3	399.4	975.0	-4.1	-7.3	330.0	99.9	99.9	99.9	271.3	277.2	2.3	78.3	999.9	999.
2.0	9.3	601.6	950.0	-6.2	-7.6	334.1	9.6	3.4	-9.0	271.2	277.0	2.3	89.4	1.0	150.
2.8	11.1	811.6	925.0	-8.3	-8.3	340.6	10.1	3.3	-9.5	271.1	276.9	2.2	100.7	1.5	159.
3.8	13.1	1023.7	900.0	-9.6	-9.8	374.6	10.1	4.3	-9.1	271.8	277.1	2.0	100.6	2.1	158.
4.6	15.2	1242.7	875.0	-7.8	-12.5	327.7	8.6	4.6	-7.3	275.9	280.4	1.7	69.2	2.5	158.
5.3	17.1	1466.7	850.0	-5.3	-13.6	321.7	10.8	6.7	-8.5	280.8	285.1	1.6	52.0	2.9	156.
6.1	19.1	1704.4	825.0	-2.7	-15.3	317.9	12.8	8.6	-9.5	285.9	289.9	1.4	37.3	3.5	153.
7.0	21.3	1944.2	800.0	-3.2	-17.6	306.4	11.7	9.4	-6.9	287.9	291.4	1.2	31.6	4.1	150.
7.9	23.5	2199.0	775.0	-4.3	-19.8	304.9	15.0	12.3	-8.6	289.3	292.3	1.0	28.6	4.8	146.
8.7	25.0	2456.7	750.0	-6.0	-22.1	297.3	15.3	13.6	-7.0	290.2	292.8	0.9	26.5	5.5	143.
9.7	27.9	2721.2	725.0	-7.5	-23.4	288.1	15.2	14.5	-4.7	291.3	293.7	0.8	24.6	6.4	139.
10.7	30.2	2991.6	700.0	-9.3	-25.0	281.0	15.8	15.5	-3.0	292.2	294.4	0.7	26.5	7.1	135.
11.6	32.7	3273.9	675.0	-11.0	-26.7	279.7	18.9	18.6	-3.2	293.5	295.4	0.6	25.9	7.9	131.
12.7	35.2	3562.9	650.0	-12.7	-28.2	282.0	21.6	21.2	-4.5	294.7	296.5	0.6	25.9	9.0	126.
13.8	37.5	3841.7	625.0	-12.9	-28.5	289.2	22.5	21.7	-7.5	297.8	299.6	0.6	25.3	10.4	123.
14.8	40.1	4177.0	600.0	-13.5	-29.2	289.9	23.2	21.8	-7.9	300.5	302.3	0.6	25.2	11.9	122.
15.9	42.6	4495.9	575.0	-15.3	-30.7	287.2	25.9	24.7	-7.6	302.0	303.7	0.5	25.2	13.3	120.
17.0	45.4	4830.4	550.0	-17.1	-32.3	280.6	26.9	26.4	-4.9	303.6	305.3	0.5	25.3	15.0	119.
18.2	48.3	5178.8	525.0	-18.0	-33.0	271.0	33.7	33.7	-0.6	306.8	308.3	0.4	25.4	17.0	116.
19.3	51.0	5542.2	500.0	-19.4	-34.7	264.2	36.1	38.0	3.8	309.4	310.7	0.4	24.2	19.2	112.
20.7	54.0	5921.0	475.0	-22.3	-37.2	262.0	39.9	39.5	5.6	310.3	311.4	0.3	24.3	22.0	108.
22.2	57.1	6317.0	450.0	-24.0	-38.6	267.1	44.7	44.7	2.3	313.1	314.1	0.3	24.4	25.4	105.
23.6	60.4	6733.4	425.0	-24.8	-39.0	265.9	54.7	54.5	3.9	317.2	318.3	0.3	25.1	29.8	102.
25.0	63.3	7173.1	400.0	-27.2	-40.7	262.2	57.9	57.3	7.9	319.6	320.6	0.3	26.1	34.3	100.
26.6	67.3	7634.2	375.0	-31.6	-44.3	260.4	58.1	57.3	9.7	319.8	320.5	0.2	27.0	39.2	97.
28.1	70.4	8117.8	350.0	-36.1	-47.5	254.3	62.3	61.2	11.6	320.0	320.5	0.1	28.3	45.0	95.
29.9	74.8	8624.6	325.0	-40.0	-49.9	261.1	59.1	58.4	9.1	321.6	322.8	99.9	99.9	51.6	93.
31.8	79.0	9170.3	300.0	-44.4	-49.9	261.3	66.6	65.8	10.0	322.8	323.8	99.9	99.9	57.7	92.
33.8	83.2	9748.8	275.0	-48.6	-49.9	260.8	69.6	68.7	11.1	324.8	325.7	99.9	99.9	65.8	90.
35.9	87.6	10367.5	250.0	-54.1	-49.9	259.8	59.6	58.7	10.5	325.7	326.5	99.9	99.9	74.3	89.
38.2	92.3	11036.1	225.0	-57.9	-49.9	264.3	56.5	56.2	5.7	329.8	330.6	99.9	99.9	82.6	89.
40.9	98.3	11762.8	200.0	-55.5	-49.9	257.2	51.5	50.6	9.6	344.9	345.9	99.9	99.9	91.2	88.
44.0	104.0	12632.5	175.0	-56.6	-49.9	249.3	43.5	43.5	0.5	356.6	357.6	99.9	99.9	114.7	87.
47.6	110.6	13605.3	150.0	-59.1	-49.9	264.2	40.6	40.4	4.1	368.2	369.2	99.9	99.9	125.6	87.
51.8	118.0	14734.9	125.0	-63.3	-49.9	266.3	71.7	71.4	6.2	380.3	381.3	99.9	99.9	142.2	87.
57.0	126.7	16098.8	100.0	-66.6	-49.9	266.3	56.6	56.4	3.6	394.2	395.2	99.9	99.9	154.8	87.
63.5	136.7	17844.4	75.0	-65.7	-49.9	246.9	12.9	11.8	5.0	435.1	436.1	99.9	99.9	167.4	86.
72.1	147.0	20399.4	50.0	-63.3	-49.9	256.1	27.2	21.5	5.3	494.3	495.3	99.9	99.9	999.9	999.
99.9	99.9	57.9	27.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LA  
7 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PIFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	MR PCT	RANGE NM	AZ DG
0.0	2.7	5.0	1025.2	1.7	-4.4	150.0	6.2	1.1	-6.1	273.3	280.2	2.7	64.0	3.0	8.
0.7	4.7	20.0	1030.0	0.2	-6.6	351.6	10.4	1.5	-10.3	273.7	279.7	2.3	60.1	0.4	167.
1.3	6.4	407.9	975.0	-1.0	-7.3	357.7	10.5	0.4	-10.5	273.6	279.6	2.3	65.7	0.8	170.
2.0	8.8	614.0	940.0	-7.5	-7.7	2.4	11.0	-0.5	-11.0	274.0	279.9	2.2	72.1	1.2	174.
2.7	10.4	624.1	925.0	-5.5	-8.0	0.4	11.6	-0.2	-11.6	274.0	279.9	2.3	82.4	1.6	177.
3.4	12.4	1140.3	930.0	-1.8	-10.8	344.7	11.5	3.0	-11.1	274.9	285.0	1.9	50.0	2.2	176.
4.2	14.3	1265.7	935.0	1.2	-9.6	333.9	10.6	4.9	-9.4	285.3	291.2	2.1	44.2	2.7	173.
4.9	16.5	1407.7	850.0	2.5	-12.5	377.1	9.9	5.4	-8.3	284.9	293.8	1.7	32.1	3.0	170.
5.6	18.7	1443.5	835.0	1.3	-14.5	325.8	10.3	5.8	-8.5	290.2	294.5	1.5	29.6	3.5	167.
6.4	20.8	1487.5	830.0	0.1	-16.5	320.7	10.1	6.4	-7.8	291.4	295.3	1.3	27.4	3.9	164.
7.2	23.1	2240.4	775.0	-1.8	-18.1	317.9	10.1	6.8	-7.5	292.0	295.5	1.2	27.4	4.4	161.
8.1	25.4	2501.5	750.0	-2.7	-18.9	313.0	10.3	7.6	-7.0	293.7	297.1	1.1	27.4	4.8	159.
8.9	27.6	2769.2	725.0	-4.6	-20.0	302.1	11.4	9.7	-6.1	294.5	297.7	1.1	28.7	5.3	156.
9.7	30.1	3044.8	700.0	-4.8	-21.6	284.4	15.6	14.7	-5.2	297.2	300.2	1.0	25.5	5.8	152.
10.6	32.5	3311.2	675.0	-4.5	-21.3	284.4	24.2	23.4	-4.0	300.0	303.9	1.0	25.3	6.5	146.
11.4	35.1	3624.5	650.0	-4.5	-20.0	279.2	31.6	31.2	-5.1	304.0	307.7	1.2	28.3	7.9	137.
12.6	37.4	4016.1	625.0	-6.5	-20.4	274.6	33.0	32.9	-2.6	305.2	308.6	1.2	31.0	9.5	129.
13.6	40.2	4234.5	600.0	-8.1	-21.1	272.9	31.0	31.0	-1.6	306.8	310.5	1.2	34.1	11.2	123.
14.6	42.7	4455.1	575.0	-8.2	-21.9	274.0	31.1	30.9	-3.2	310.5	314.3	1.2	32.0	12.8	119.
15.7	45.3	4674.3	550.0	-10.6	-21.7	277.0	32.0	31.8	-3.9	311.6	315.5	1.2	30.5	14.8	116.
16.7	48.4	4885.4	525.0	-12.7	-23.2	273.3	32.4	32.5	-1.9	313.2	316.9	1.1	40.9	16.6	114.
17.9	51.1	5096.1	500.0	-14.9	-25.4	271.4	33.7	33.7	-0.8	315.0	318.0	0.9	38.7	18.8	111.
19.2	54.3	6042.5	475.0	-17.5	-26.4	270.1	31.4	31.4	-0.1	316.3	318.8	0.7	36.5	20.9	109.
20.3	57.3	6453.2	450.0	-20.5	-32.0	272.1	32.2	32.1	-1.2	317.4	319.4	0.6	34.4	22.8	107.
21.6	60.5	6855.4	425.0	-24.4	-35.0	275.3	37.5	37.4	-3.5	317.7	319.3	0.5	30.6	26.1	106.
23.1	64.3	7331.7	400.0	-29.2	-37.0	273.6	31.6	31.5	-2.0	318.3	319.6	0.4	42.3	25.0	105.
24.7	67.1	7743.1	375.0	-30.8	-41.4	272.9	19.8	19.7	-2.0	320.8	321.7	0.3	33.3	32.4	103.
26.2	70.4	8243.2	350.0	-34.6	-45.5	269.0	19.0	19.0	0.7	322.1	322.7	0.2	31.5	35.7	102.
28.0	74.7	8702.7	325.0	-39.0	-49.2	266.7	17.1	17.0	2.2	322.9	323.4	0.1	32.5	38.6	101.
29.6	78.8	9195.8	300.0	-44.2	-49.1	264.5	14.4	14.3	3.7	323.1	323.9	99.9	99.9	43.7	99.
31.6	83.3	9744.4	275.0	-48.0	-49.0	263.5	13.6	13.5	4.9	325.7	326.9	99.9	99.9	47.8	98.
33.4	87.3	10307.7	250.0	-53.3	-49.9	264.5	13.6	13.5	6.5	326.9	327.9	99.9	99.9	52.2	96.
35.4	92.1	11178.4	225.0	-55.9	-49.9	265.7	11.4	11.2	3.9	332.9	333.9	99.9	99.9	57.4	95.
37.6	97.4	11928.7	200.0	-55.0	-49.9	265.8	10.5	10.3	3.0	345.7	346.9	99.9	99.9	62.5	94.
39.7	103.3	12777.4	175.0	-57.4	-49.9	265.4	12.3	12.2	2.6	355.2	355.2	99.9	99.9	67.8	94.
42.1	109.3	13745.6	150.0	-59.1	-49.9	270.5	48.39	48.3	-0.4	368.1	368.1	99.9	99.9	73.4	93.
44.9	116.1	14874.6	125.0	-64.5	-49.9	264.1	15.19	14.9	3.5	378.2	378.2	99.9	99.9	82.0	93.
48.7	124.7	16218.1	100.0	-71.6	-49.9	271.7	45.09	45.0	-2.9	389.3	389.3	99.9	99.9	90.0	93.
51.6	134.0	17214.1	75.0	-64.4	-49.9	263.3	26.00	26.0	3.1	427.4	427.4	99.9	99.9	100.0	93.
61.4	148.3	20315.4	50.0	-67.4	-49.9	263.2	28.80	28.7	2.4	486.0	486.0	99.9	99.9	109.3	92.
99.9	99.9	19.4	25.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 248  
SHREVEPORT, LA7 FEBRUARY 1975  
515 GMT

TIME MIN	CNCTY	WEIGHT G/M	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO GM/KG	RH PCT	RANGE NM	AZ DEG
0.0	4.7	74.0	1014.0	-3.3	-8.7	310.0	4.1	3.6	-2.0	268.7	273.7	1.9	66.6	0.0	0.
0.5	5.0	270.3	1000.0	-3.7	-8.6	309.2	6.1	6.3	-5.1	269.7	274.9	2.0	68.5	0.2	125.
1.1	7.3	414.0	975.0	-5.2	-9.0	325.6	8.1	4.6	-6.7	270.1	275.3	2.0	74.7	0.5	130.
2.0	10.1	621.2	950.0	-7.0	-9.5	337.2	9.9	3.4	-8.2	270.3	275.4	2.0	82.6	0.9	142.
2.7	12.3	830.6	925.0	-8.9	-10.6	346.6	9.9	2.2	-9.2	270.5	275.3	1.8	87.5	1.3	147.
3.6	14.7	1041.1	900.0	-7.6	-14.0	359.1	11.3	0.2	-11.3	273.8	277.7	1.4	60.4	1.8	155.
4.3	16.7	1267.9	875.0	-6.2	-15.2	357.9	12.2	0.5	-12.2	277.5	281.2	1.3	48.8	2.3	161.
5.2	18.4	1411.7	850.0	-2.9	-14.6	344.9	12.4	3.2	-12.0	283.3	287.4	1.5	40.2	2.9	164.
6.0	21.9	1778.7	825.0	-3.0	-15.8	337.5	14.1	6.3	-12.7	285.6	289.7	1.4	38.5	3.6	162.
6.8	24.1	1971.4	800.0	-3.8	-22.0	330.8	15.2	7.4	-13.3	287.2	289.7	0.8	22.8	4.3	161.
7.7	26.7	2272.1	775.0	-3.6	-30.8	330.4	16.3	6.0	-14.1	290.0	291.1	0.4	9.9	5.1	159.
8.6	29.3	2481.2	750.0	-3.5	-25.3	326.3	16.4	9.1	-13.7	292.8	294.8	0.6	16.5	6.0	158.
9.6	32.3	2744.7	725.0	-4.0	-25.0	318.3	16.0	10.6	-11.9	295.1	297.3	0.7	17.6	6.9	155.
10.4	34.4	3024.2	700.0	-6.4	-26.9	318.2	15.6	10.4	-11.6	295.5	297.3	0.6	17.8	7.7	153.
11.4	37.1	3307.6	675.0	-8.3	-24.3	314.7	15.6	10.1	-11.9	296.4	298.2	0.5	18.0	8.5	152.
12.3	40.1	3544.1	650.0	-10.5	-20.1	311.9	16.2	12.0	-10.8	297.1	298.6	0.5	18.0	9.4	151.
13.4	42.3	3900.0	625.0	-11.8	-22.7	299.3	16.3	14.2	-8.0	299.0	300.2	0.4	15.6	10.4	148.
14.5	45.2	4211.6	600.0	-13.6	-24.8	294.3	15.7	14.4	-6.5	300.4	301.5	0.3	14.7	11.3	145.
15.4	48.7	4514.0	575.0	-15.8	-31.5	295.9	18.4	16.6	-8.0	301.5	302.4	0.3	14.9	12.2	143.
16.7	51.9	4867.7	550.0	-18.0	-34.1	295.4	20.4	18.4	-8.7	302.7	303.6	0.3	15.2	13.4	140.
18.0	55.1	5214.0	525.0	-20.1	-39.7	294.0	21.4	19.6	-8.7	304.2	305.0	0.2	15.4	14.9	138.
19.3	58.1	5574.2	500.0	-22.7	-41.3	298.7	21.4	20.3	-8.9	306.0	306.7	0.2	15.6	16.3	135.
20.7	61.6	5950.7	475.0	-22.9	-41.9	285.9	22.1	26.0	-7.4	309.6	310.3	0.2	15.7	18.2	132.
22.7	65.0	6346.2	450.0	-23.4	-42.3	281.7	37.3	36.5	-7.6	313.7	314.4	0.2	15.7	20.6	128.
23.8	68.4	6763.6	425.0	-24.8	-43.3	280.3	50.1	49.3	-9.0	317.2	317.9	0.2	15.9	24.5	124.
25.2	71.3	7202.9	400.0	-27.0	-45.0	276.6	50.2	49.9	-5.8	319.8	320.4	0.2	16.1	28.7	120.
26.9	75.4	7618.4	375.0	-30.8	-48.0	275.8	48.3	48.0	-4.8	320.7	321.2	0.1	16.5	33.1	117.
28.6	79.8	8140.0	350.0	-34.6	-51.0	271.9	51.3	51.3	-1.7	322.0	322.3	0.1	17.0	38.0	114.
30.3	83.3	8607.5	325.0	-39.6	-54.0	272.6	52.3	52.2	-2.3	322.0	322.3	0.1	19.6	43.2	111.
32.3	87.8	9208.1	300.0	-44.3	-59.9	269.4	56.2	56.2	0.6	322.9	322.9	0.1	99.9	48.9	108.
34.5	97.4	9782.4	275.0	-48.4	-64.4	272.9	57.8	57.8	-2.0	325.1	325.1	0.1	99.9	54.1	104.
36.4	97.3	10402.4	250.0	-54.0	-69.9	272.7	59.5	59.4	-2.9	325.8	325.8	0.1	99.9	64.5	100.
39.6	107.1	11170.9	225.0	-54.9	-69.9	273.3	44.4	44.3	-2.6	331.3	331.3	0.1	99.9	74.8	103.
42.4	107.1	11470.9	200.0	-55.0	-69.9	268.1	51.7	51.7	1.7	345.8	345.8	0.1	99.9	89.2	102.
45.4	113.1	12481.4	175.0	-54.6	-67.9	274.6	57.5	57.5	-4.6	354.9	354.9	0.1	99.9	91.6	101.
48.4	119.5	13644.4	150.0	-59.3	-69.9	274.5	29.3	29.3	-3.3	367.9	367.9	0.1	99.9	98.5	100.
53.4	176.3	16734.2	125.0	-62.5	-74.9	275.0	57.7	57.7	-5.1	381.8	381.8	0.1	99.9	110.6	100.
58.2	134.3	16157.4	100.0	-62.7	-69.9	276.2	33.9	33.9	-3.7	396.9	396.9	0.1	99.9	122.7	99.
64.6	141.7	17492.5	75.0	-65.8	-69.9	281.9	31.2	30.5	-6.4	435.1	435.1	0.1	99.9	135.8	99.
73.7	150.0	23363.2	50.0	-63.0	-69.9	252.8	15.0	14.3	4.4	499.9	499.9	0.1	99.9	146.7	98.
86.4	154.1	24647.5	25.0	-61.5	-69.9	268.5	21.4	21.4	0.4	608.3	608.3	0.1	99.9	162.8	97.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 245  
VICINIA, TEX  
7 FEBRUARY 1975  
115 GMT

TIME MIN	CMCT	HEIGHT GPH	PHFS W4	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	MR RTO CM/SEC	RM PCY	RANGE KM	AZ DG
0.0	2.0	17.0	1024.0	2.0	-9.5	10.0	5.1	-0.9	-5.0	273.0	200.0	2.7	62.0	0.0	0.
0.5	4.5	24.1	1000.0	0.6	-7.2	9.3	12.0	-1.9	-11.8	274.0	200.0	2.2	55.0	0.5	100.
1.3	6.3	42.5	975.0	-1.5	-8.2	9.2	12.0	-1.2	-13.6	273.0	279.0	2.1	50.0	1.0	102.
2.0	8.0	67.8	950.0	-3.4	-10.0	8.9	15.0	-0.9	-15.0	273.0	278.0	1.8	57.0	1.7	105.
2.7	10.5	95.4	925.0	-0.7	-12.3	8.2	17.9	-1.6	-14.8	278.0	283.2	1.6	41.7	2.4	106.
3.5	12.5	105.1	900.0	3.1	-12.0	6.3	12.1	-1.3	-12.0	280.0	289.0	1.6	30.3	3.0	105.
4.3	14.7	173.2	875.0	2.8	-15.0	359.1	11.9	0.2	-11.9	286.0	291.0	1.5	27.0	3.5	105.
5.1	16.6	1527.2	950.0	1.6	-15.6	350.0	9.1	1.6	-8.9	286.0	291.0	1.3	26.3	4.0	104.
6.0	18.4	1747.1	925.0	0.3	-17.2	355.4	6.0	1.5	-5.0	292.0	292.0	1.2	25.3	4.4	102.
6.8	21.3	2311.0	800.0	-0.9	-20.7	336.1	7.1	3.1	-6.4	290.3	293.0	0.9	20.5	4.7	101.
7.7	24.5	2267.3	775.0	-0.9	-20.7	315.4	11.8	6.3	-8.4	292.0	294.2	0.4	9.3	5.1	170.
8.7	28.0	2526.7	750.0	0.9	-20.3	307.5	20.1	16.0	-12.2	297.6	300.0	1.0	18.8	5.8	171.
9.6	31.0	2421.7	725.0	1.9	-19.3	299.4	23.8	20.6	-11.9	301.6	305.2	1.1	18.9	6.7	163.
10.6	34.0	3063.1	700.0	-0.4	-19.6	292.4	23.0	21.2	-8.7	302.1	305.7	1.1	21.8	7.7	154.
11.6	37.1	1172.8	675.0	-2.1	-15.1	285.7	22.4	21.5	-8.1	303.4	307.3	1.2	25.0	8.7	145.
12.7	40.2	1071.5	650.0	-4.2	-21.0	282.6	21.5	21.0	-4.7	304.3	307.8	1.1	25.6	9.8	143.
13.8	43.2	1749.5	625.0	-6.2	-20.4	283.7	21.4	20.8	-4.9	305.5	309.2	1.2	31.5	10.9	130.
14.9	46.3	1746.4	600.0	-6.0	-19.5	283.7	25.6	24.9	-6.1	309.3	313.6	1.4	33.3	12.1	134.
16.1	49.4	6011.4	575.0	-6.7	-22.7	286.5	29.4	28.5	-7.4	312.2	315.7	1.1	26.5	15.7	127.
17.2	52.5	4377.6	550.0	-9.1	-26.6	285.2	29.7	28.6	-7.8	313.4	316.4	0.9	26.9	15.7	127.
18.5	55.2	5115.3	525.0	-11.5	-27.3	281.4	30.2	30.0	-6.0	314.7	317.2	0.8	25.6	17.9	124.
19.8	58.1	5744.3	500.0	-14.6	-30.3	281.8	31.2	30.5	-6.4	315.3	317.3	0.6	24.7	20.2	121.
21.2	61.0	6094.0	475.0	-17.1	-32.3	282.6	30.2	29.4	-6.6	316.8	318.5	0.5	24.1	22.6	119.
22.5	64.3	6497.6	450.0	-20.6	-34.9	278.5	28.8	28.5	-4.3	317.3	318.8	0.4	26.7	24.8	117.
24.0	67.6	6417.3	425.0	-24.2	-37.3	278.1	33.4	33.1	-4.8	317.9	319.2	0.4	28.4	27.4	116.
25.4	70.9	7337.4	400.0	-28.4	-38.2	276.4	32.0	31.8	-3.6	320.7	322.0	0.3	31.6	30.4	114.
27.5	74.0	7420.0	375.0	-30.4	-40.4	275.4	34.1	33.9	-3.3	321.0	322.1	0.3	37.4	34.0	112.
29.4	77.0	8106.0	350.0	-34.6	-40.1	269.5	33.5	33.5	0.3	322.0	323.2	0.3	57.2	37.6	110.
31.0	80.3	8813.2	325.0	-39.2	-44.4	271.3	32.9	32.9	-0.8	322.6	323.4	0.2	57.3	40.7	109.
33.0	83.1	1311.7	300.0	-43.5	99.4	272.5	40.7	40.6	-1.7	324.5	999.9	99.9	999.9	45.1	107.
35.0	86.3	9443.4	275.0	-47.4	99.4	269.1	47.2	42.2	0.6	326.6	999.9	99.9	999.9	49.9	105.
37.1	89.4	13555.4	250.0	-52.9	99.4	262.6	47.5	47.2	6.1	327.4	999.9	99.9	999.9	55.2	103.
39.5	92.4	11216.5	225.0	-58.3	99.4	264.4	48.30	48.1	4.7	329.2	999.9	99.9	999.9	61.7	101.
42.1	95.3	11345.1	200.0	-54.9	99.4	259.4	39.10	39.1	0.4	345.8	999.9	99.9	999.9	67.8	100.
45.2	104.3	12415.1	175.0	-56.4	99.4	259.2	41.00	40.9	-3.7	358.1	999.9	99.9	999.9	75.5	99.
48.8	111.3	13404.4	150.0	-59.2	99.4	275.0	41.10	47.4	-4.2	368.1	999.9	99.9	999.9	84.3	98.
52.5	114.5	14249.7	125.0	-66.6	99.4	281.5	23.40	23.4	-4.8	374.4	999.9	99.9	999.9	91.6	98.
57.2	124.7	16200.7	100.0	-71.7	99.4	278.1	47.70	47.2	-6.9	389.2	999.9	99.9	999.9	103.1	97.
62.9	134.3	17949.6	75.0	-73.1	99.4	287.0	4.50	9.1	-2.8	419.7	999.9	99.9	999.9	113.2	96.
71.9	146.3	20359.4	50.0	-67.8	99.4	285.4	12.50	12.4	1.0	433.7	999.9	99.9	999.9	121.9	96.
80.1	158.0	24421.4	25.0	-62.5	99.4	281.8	12.00	11.8	1.7	455.1	999.9	99.9	999.9	137.5	96.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TEMP HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION M1. 240  
STEPHENSVILLE, TEX  
7 FEBRUARY 1975  
515 GMT

M.M	CHTCY	WGTGHT GRA	PHES MH	TEMP UG C	DR W T DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T UG K	E POT T DG K	MX RTD GM/AC	RM PCT	RANGE KM	AZ DE
0.0	7.2	347.0	900.0	-5.1	-10.6	170.0	2.1	1.3	-1.6	209.8	274.4	1.7	65.0	0.0	0.
00.9	94.3	94.3	1000.0	64.9	94.9	94.9	99.9	99.9	99.9	94.9	999.9	99.9	999.9	999.9	999.9
0.1	7.6	633.6	975.0	-0.5	-10.1	328.2	6.0	3.2	-5.1	270.9	275.7	1.8	64.7	0.1	00.
0.0	9.7	644.6	940.0	-3.6	-10.8	331.1	10.3	5.0	-9.0	273.7	279.4	1.0	57.6	0.4	151.
1.0	11.0	856.0	925.0	-2.1	-10.4	311.4	9.0	2.9	-8.5	277.3	281.1	1.4	38.4	0.0	153.
2.3	13.9	1073.6	930.0	-2.3	-15.9	351.0	10.1	1.5	-10.0	279.3	282.8	1.2	34.4	1.2	150.
3.1	15.0	1297.7	875.0	-1.4	-20.8	351.5	11.3	1.7	-11.2	282.4	284.0	0.5	13.6	1.7	162.
4.3	16.7	1574.8	850.0	-0.5	-19.6	343.7	14.4	2.8	-14.1	285.7	289.5	0.9	22.0	2.3	163.
6.7	20.3	1760.8	825.0	-2.1	-21.2	343.7	13.9	3.7	-13.4	286.5	291.0	0.8	21.4	3.0	163.
5.4	22.4	2011.3	800.0	-2.0	-23.4	343.4	15.3	3.0	-14.8	289.1	291.3	0.7	17.5	3.0	165.
4.4	24.4	2267.4	775.0	-1.5	-24.6	333.7	12.5	5.3	-11.3	290.1	292.2	0.7	17.6	4.3	166.
7.3	26.7	2521.1	750.0	-4.7	-25.8	330.5	12.2	6.0	-10.6	291.5	293.4	0.6	17.3	5.1	163.
0.1	29.3	2797.4	725.0	-5.5	-29.2	327.6	10.9	6.6	-8.7	293.5	295.0	0.5	13.3	3.7	161.
0.1	31.4	3061.7	700.0	-7.4	-32.0	316.0	10.4	7.2	-7.5	294.4	295.6	0.4	11.8	0.2	159.
10.0	34.4	3344.5	675.0	-8.6	-33.5	313.3	11.3	8.1	-7.0	295.7	297.0	0.3	11.4	0.7	157.
10.0	36.0	3634.5	650.0	-11.0	-36.2	308.1	12.3	9.7	-7.5	296.6	297.5	0.3	10.3	7.4	153.
11.9	39.4	3933.5	625.0	-12.6	-37.5	308.1	13.5	10.6	-8.3	297.9	298.7	0.2	10.4	8.0	152.
12.7	41.9	4233.5	600.0	-12.7	-37.5	309.7	14.2	10.4	-9.0	301.4	302.2	0.2	10.4	8.8	150.
13.9	44.7	4533.5	575.0	-13.1	-37.9	298.0	16.5	10.6	-8.1	305.7	305.5	0.3	10.5	9.7	148.
15.1	47.5	4833.5	550.0	-13.1	-37.9	298.7	24.4	22.9	-6.2	308.5	309.4	0.3	10.5	10.9	143.
16.3	50.4	5133.5	525.0	-14.4	-38.7	298.5	27.9	25.4	-11.6	311.1	311.9	0.3	10.6	12.7	130.
17.4	53.1	5433.5	500.0	-14.3	-38.6	298.1	29.8	25.9	-14.6	315.5	316.5	0.3	10.6	14.3	135.
18.4	56.1	5733.5	475.0	-16.2	-37.9	301.0	17.9	32.3	-19.9	317.8	318.7	0.2	10.8	17.2	133.
20.2	59.4	6033.5	450.0	-19.9	-42.5	299.0	34.8	34.8	-19.3	318.2	318.9	0.2	11.2	20.5	131.
21.5	62.0	6333.5	425.0	-23.8	-44.0	297.1	34.8	35.5	-18.1	318.5	319.1	0.2	17.5	23.5	129.
23.0	65.3	6633.5	400.0	-26.1	-40.5	293.6	34.9	36.6	-15.6	318.4	318.9	0.1	15.1	26.9	128.
24.5	69.3	6933.5	375.0	-32.4	-49.4	291.0	39.4	36.8	-14.1	318.6	319.0	0.1	16.3	30.2	126.
26.0	72.4	7233.5	350.0	-35.8	-51.5	283.9	39.4	37.7	-9.3	320.4	320.7	0.1	18.0	33.7	124.
27.6	76.7	7533.5	325.0	-40.0	-59.4	281.6	47.2	40.3	-9.5	321.5	321.5	0.1	18.0	37.2	122.
29.3	80.6	7833.5	300.0	-44.8	-69.4	277.8	42.6	42.2	-5.8	322.3	322.3	0.1	18.0	41.7	119.
31.3	84.4	8133.5	275.0	-49.2	-69.4	275.9	47.1	46.9	-4.0	322.0	322.0	0.1	18.0	46.6	117.
33.5	88.4	8433.5	250.0	-53.3	-69.4	269.0	47.0	47.0	2.4	321.7	321.7	0.1	18.0	52.7	114.
35.7	93.4	8733.5	225.0	-54.9	-69.4	269.0	43.8	43.8	0.7	321.7	321.7	0.1	18.0	59.1	111.
38.3	98.4	9033.5	200.0	-54.0	-69.4	268.6	38.4	38.1	-10.0	317.3	317.3	0.1	18.0	64.3	110.
41.7	103.4	9333.5	175.0	-57.1	-69.4	271.6	35.0	35.0	-7.1	315.3	315.3	0.1	18.0	72.7	109.
44.3	107.4	9633.5	150.0	-57.6	-69.4	276.3	40.3	40.3	-7.1	320.8	320.8	0.1	18.0	78.8	107.
48.0	116.3	10033.5	125.0	-62.0	-69.4	277.7	15.7	15.7	-5.4	322.7	322.7	0.1	18.0	96.2	107.
52.0	123.7	10722.6	100.0	-68.2	-69.4	278.7	36.2	36.2	-5.3	330.6	330.6	0.1	18.0	98.8	106.
56.7	132.3	11467.7	75.0	-68.2	-69.4	283.3	8.6	8.6	-1.0	434.2	434.2	0.1	18.0	100.8	106.
66.6	141.3	12004.5	50.0	-64.0	-69.4	112.3	11.9	-29.4	12.4	492.6	492.6	0.1	18.0	122.1	102.
79.5	150.0	12644.1	25.0	-60.0	-69.4	299.4	11.8	10.0	-0.7	512.1	512.1	0.1	18.0	129.9	100.

0 RV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 RV TEMP MEANS TEMPERATURE ON TIME WAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 261  
DEL RIO, TX

7 FEBRUARY 1975  
515 GMT

126 89. 0

TIME MIN	CNTCT	HEIGHT GPI	PPES NO	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTD GM/KG	RM PCY	RANGE KM	AZ DG
0.0	6.2	314.0	390.8	3.4	-2.3	360.0	1.1	0.0	-3.1	277.7	286.2	3.3	66.0	0.0	0.
00.9	99.9	30.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	8.4	445.5	975.0	5.2	-7.9	18.5	5.3	-1.7	-5.1	280.6	286.5	2.2	38.3	0.1	199.
1.3	10.5	657.0	930.0	3.6	-8.9	17.8	3.8	-1.2	-3.7	281.1	286.7	2.1	39.4	0.3	199.
2.1	12.6	872.7	925.0	1.9	-10.2	13.2	3.2	-0.7	-3.2	281.4	286.6	1.9	40.2	0.4	197.
3.3	15.0	1097.7	900.0	-0.1	-13.3	43.9	4.8	-3.3	-3.4	281.6	285.8	1.5	36.2	0.6	198.
2.7	17.1	1311.2	875.0	1.3	-15.6	49.7	3.3	-2.5	-2.1	285.3	289.0	1.3	26.9	0.8	208.
4.5	19.5	1551.9	850.0	-0.3	-19.0	44.0	0.8	-0.5	-0.6	285.9	288.9	1.0	23.5	0.9	209.
5.2	21.5	1791.0	825.0	1.1	-17.6	311.8	2.9	2.2	-1.9	289.9	293.6	1.3	25.1	0.9	207.
6.0	24.0	2034.0	800.0	0.0	-9.4	283.3	0.0	5.0	-1.4	291.5	298.3	2.4	50.3	1.0	196.
6.9	26.2	2292.3	775.0	-0.6	-9.2	304.2	8.3	6.8	-4.6	293.5	300.5	2.5	52.1	1.1	175.
7.7	28.7	2554.5	750.0	0.4	-15.1	308.6	11.8	9.2	-7.4	297.2	301.8	1.6	30.1	1.5	162.
8.7	31.3	2827.1	725.0	1.4	-16.5	303.2	14.9	12.2	-8.0	301.2	305.6	1.4	24.8	2.2	149.
9.7	33.9	3104.2	700.0	-1.1	-16.5	299.6	14.9	12.9	-7.4	301.4	305.8	1.5	29.2	3.0	141.
10.7	36.3	3387.2	675.0	-2.7	-15.7	292.2	14.8	13.7	-5.6	302.8	307.9	1.7	36.0	3.9	136.
11.7	39.3	3670.2	650.0	-4.8	-17.1	291.5	16.2	15.0	-5.9	303.7	308.4	1.5	37.2	4.7	131.
12.6	41.3	3953.0	625.0	-4.6	-17.4	293.1	18.7	17.2	-7.3	307.3	312.1	1.6	36.1	5.6	128.
13.7	44.1	4235.6	600.0	-4.9	-19.5	292.8	21.4	19.7	-8.3	310.6	314.9	1.4	30.5	6.9	125.
14.8	47.0	4518.4	575.0	-7.7	-20.4	290.9	22.9	21.4	-7.2	312.5	316.2	1.3	33.7	8.3	123.
15.0	50.0	4801.9	550.0	-9.4	-22.5	288.4	22.9	21.4	-7.2	312.5	316.2	1.1	34.6	9.9	120.
17.2	52.9	5084.3	525.0	-12.5	-25.0	290.4	23.0	21.5	-8.0	313.5	316.6	1.0	34.3	11.5	119.
18.4	55.6	5367.7	500.0	-14.7	-29.0	290.7	24.6	23.0	-8.7	315.1	317.5	0.7	28.3	13.3	118.
19.7	58.3	5651.8	475.0	-17.6	-30.5	288.9	23.9	22.6	-7.7	316.2	318.4	0.6	31.1	15.2	117.
21.0	62.3	5935.9	450.0	-20.9	-31.4	286.5	25.8	24.7	-7.3	317.0	319.0	0.6	38.2	17.1	116.
22.4	65.3	6220.7	425.0	-24.6	-33.7	286.1	24.8	23.8	-6.9	317.5	319.2	0.5	42.2	19.1	115.
23.9	68.7	6505.1	400.0	-27.9	-36.6	286.4	23.4	22.5	-6.6	318.7	320.1	0.4	47.9	21.3	114.
25.5	72.0	6789.9	375.0	-31.9	-39.7	281.4	24.4	24.0	-4.9	319.3	320.4	0.3	45.5	23.5	113.
27.1	75.3	7074.1	350.0	-35.4	-40.9	281.9	24.2	28.6	-6.0	321.0	322.1	0.3	56.7	26.2	112.
28.6	79.7	7358.1	325.0	-39.0	-44.9	276.9	28.5	28.3	-3.4	322.8	323.6	0.2	53.1	28.8	111.
30.7	83.7	7642.9	300.0	-43.5	-49.9	272.7	34.7	34.7	-1.6	324.9	324.9	99.9	999.9	32.3	109.
32.6	87.7	7927.7	275.0	-48.6	-54.9	269.2	35.3	35.3	0.5	324.9	324.9	99.9	999.9	36.1	107.
34.4	92.2	8212.1	250.0	-53.8	-59.9	266.1	36.0	35.0	8.7	326.1	326.1	99.9	999.9	39.8	104.
36.3	96.3	8496.6	225.0	-57.2	-64.9	267.0	34.4	34.4	1.8	330.9	330.9	99.9	999.9	44.3	102.
39.5	101.4	8781.7	200.0	-53.8	-69.9	281.6	29.1	28.5	-5.8	347.6	347.6	99.9	999.9	49.8	101.
42.4	107.5	9066.1	175.0	-56.2	-74.9	280.0	48.7	48.0	-8.5	357.2	357.2	99.9	999.9	56.2	101.
45.9	113.6	9350.1	150.0	-60.3	-79.9	277.4	43.2	42.8	-5.5	366.2	366.2	99.9	999.9	64.4	101.
49.7	120.3	9634.1	125.0	-63.9	-84.9	278.5	43.2	24.0	-3.6	380.6	380.6	99.9	999.9	71.4	101.
54.3	127.7	9918.0	100.0	-72.3	-89.9	279.9	34.3	34.3	0.4	388.1	388.1	99.9	999.9	79.2	100.
58.9	94.4	94.9	75.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
 MIDLAND, TEX

 7 FEBRUARY 1975  
 515 GMT

147 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	PX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	673.0	923.5	-2.8	-5.0	150.0	2.6	-1.3	2.3	270.9	284.1	2.7	81.0	0.0	0.
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	930.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	12.5	1074.9	900.0	-0.6	-8.7	167.8	11.1	-2.4	10.9	281.0	287.3	2.3	56.7	0.3	347.
1.7	14.8	1301.7	875.0	-1.0	-9.3	204.1	4.4	1.8	4.0	283.0	288.9	2.2	53.1	0.6	354.
2.5	16.8	1516.3	850.0	1.4	-14.3	312.2	1.7	1.3	-1.1	287.8	292.1	1.5	29.9	0.7	4.
3.4	19.1	1776.1	825.0	0.4	-15.9	327.3	3.8	2.1	-3.2	289.2	293.1	1.3	20.1	0.5	9.
4.3	21.1	2022.1	800.0	-1.1	-16.4	295.2	6.4	5.8	-2.7	290.1	293.9	1.3	30.1	0.5	19.
5.1	23.5	2274.8	775.0	-2.8	-13.6	281.2	7.0	6.9	-1.4	291.0	295.0	1.7	43.2	0.7	66.
6.0	25.7	2531.8	750.0	-4.8	-11.8	290.6	7.7	7.2	-2.7	291.6	297.5	2.1	58.2	1.0	79.
7.0	28.1	2794.9	725.0	-5.5	-14.4	303.8	14.1	11.7	-7.9	293.6	298.7	1.7	49.6	1.5	93.
8.0	30.4	3075.8	700.0	-5.3	-21.0	310.3	17.1	13.0	-11.2	295.7	299.8	1.0	27.8	2.3	106.
9.0	31.0	3150.7	675.0	-6.2	-20.1	308.6	22.5	16.1	-12.8	298.8	302.3	1.1	32.1	3.4	115.
10.0	35.5	3657.0	650.0	-5.6	-20.9	304.9	22.9	16.8	-13.1	302.8	306.2	1.1	28.6	4.7	118.
11.0	38.0	3963.5	625.0	-7.2	-21.4	301.1	23.5	20.1	-12.2	303.3	307.7	1.1	31.1	6.1	120.
12.1	40.5	4290.6	600.0	-9.3	-21.4	304.0	22.5	18.6	-12.6	305.5	309.1	1.2	36.5	7.6	120.
13.2	43.2	4610.4	575.0	-8.0	-28.7	311.7	21.8	16.3	-14.5	310.6	312.7	0.6	17.1	9.1	121.
14.4	46.1	4954.3	550.0	-10.4	-24.3	309.1	22.0	17.1	-13.9	311.8	315.0	1.0	30.7	10.5	123.
15.6	49.0	5311.2	525.0	-12.4	-25.6	308.9	23.8	20.5	-12.2	313.5	316.5	0.9	32.1	12.3	123.
16.8	51.9	5682.2	500.0	-15.1	-28.7	298.3	23.0	20.3	-10.9	315.7	317.1	0.7	29.9	14.0	122.
18.1	54.9	6067.6	475.0	-18.3	-31.8	298.6	21.8	19.2	-10.4	315.4	317.3	0.6	29.1	15.8	122.
19.4	57.9	6468.7	450.0	-21.8	-35.2	299.5	21.7	18.9	-10.7	315.9	317.3	0.4	28.2	17.5	122.
20.9	61.1	6846.8	425.0	-25.0	-36.1	297.7	24.5	21.7	-11.4	317.0	318.3	0.4	33.6	19.4	121.
22.3	64.3	7324.4	400.0	-24.4	-39.4	298.5	27.1	24.7	-11.2	318.1	319.2	0.3	33.4	21.7	121.
24.0	67.0	7783.0	375.0	-32.6	-43.2	297.4	27.5	26.4	-12.6	318.4	319.2	0.2	33.6	24.4	120.
25.6	71.4	8267.2	350.0	-35.3	-47.7	292.6	28.9	24.8	-10.3	321.1	321.6	0.1	25.9	27.2	120.
27.4	74.3	8778.4	325.0	-39.8	-49.9	285.6	29.2	28.0	-8.3	321.7	322.4	0.9	99.9	30.0	119.
29.2	79.3	9319.9	300.0	-44.7	-49.9	283.9	30.0	29.2	-10.2	322.4	323.1	99.9	99.9	33.3	118.
31.3	83.4	9846.0	275.0	-49.8	-49.9	283.4	32.3	29.6	-12.8	323.1	323.1	99.9	99.9	36.9	117.
33.5	87.7	10512.4	250.0	-54.6	-49.9	277.4	32.7	31.9	-4.1	323.9	323.9	99.9	99.9	41.4	116.
36.3	92.4	11178.4	225.0	-59.5	-49.9	271.3	34.6	34.6	-1.2	327.4	327.4	99.9	99.9	45.8	113.
38.9	97.4	11970.9	200.0	-56.1	-49.9	281.5	35.8	35.1	-7.1	343.9	343.9	99.9	99.9	51.6	112.
41.9	102.5	12772.4	175.0	-56.0	-49.9	280.4	29.8	29.3	-5.6	357.5	357.5	99.9	99.9	54.1	111.
45.1	109.3	13746.1	150.0	-59.5	-49.9	278.1	37.0	36.6	-5.3	367.6	367.6	99.9	99.9	55.1	109.
48.8	115.3	14874.6	125.0	-64.2	-49.9	290.4	34.7	34.3	-13.5	378.8	378.8	99.9	99.9	75.8	109.
52.9	123.7	16225.3	100.0	-68.8	-49.9	293.3	33.6	31.1	-13.4	394.8	394.8	99.9	99.9	82.1	108.
56.6	131.0	17931.9	75.0	-69.6	-49.9	273.5	17.0	17.0	-1.0	427.0	427.0	99.9	99.9	91.8	108.
65.9	143.5	23375.6	50.0	66.3	99.3	253.6	12.3	11.8	3.8	467.2	467.2	99.9	99.9	99.2	108.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
MATTERAS, NC

7 FEBRUARY 1975  
015 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.7	4.0	1005.1	13.1	10.8	260.0	3.6	3.5	0.6	286.9	307.8	8.1	86.0	0.0	0.
0.1	6.1	47.0	1000.0	14.2	11.8	249.9	16.9	15.9	5.8	288.5	311.0	8.7	85.7	0.4	66.
0.9	8.4	261.1	975.0	14.0	9.9	250.1	18.4	17.3	6.3	290.3	310.9	7.9	76.5	0.9	68.
1.0	10.5	480.2	950.0	13.1	8.0	254.7	20.7	20.0	5.5	291.4	310.2	7.1	71.0	2.0	70.
2.8	12.8	703.9	925.0	11.5	-3.4	258.1	19.4	19.0	4.0	291.5	301.0	3.5	37.5	3.1	72.
3.6	15.1	932.5	900.0	10.9	-6.4	259.7	20.3	20.0	3.6	293.0	299.4	2.2	24.8	4.1	74.
4.6	17.4	1166.5	875.0	6.9	-7.4	255.9	20.8	20.2	5.1	293.4	299.5	2.1	26.3	5.3	75.
5.4	19.8	1405.5	850.0	7.0	-6.6	252.9	20.6	19.7	6.1	293.8	301.6	2.7	37.3	6.4	75.
6.5	22.1	1649.9	825.0	4.8	-6.6	249.0	19.7	18.4	7.1	294.1	302.1	2.8	43.3	7.6	74.
7.4	24.6	1900.0	800.0	2.9	-6.0	246.3	20.6	18.8	6.3	294.6	303.2	3.1	52.0	8.7	73.
8.5	26.9	2156.3	775.0	1.5	-8.7	236.2	24.2	20.1	13.5	295.7	303.0	2.6	46.6	10.0	72.
9.5	29.4	2420.1	750.0	0.4	-8.8	230.7	27.2	21.1	17.2	297.3	304.9	2.6	50.0	11.5	69.
10.5	32.1	2691.7	725.0	-0.8	-8.9	229.6	27.2	20.7	17.6	299.0	306.7	2.7	53.8	13.2	67.
11.6	34.8	2970.8	700.0	-3.5	-9.6	233.3	29.1	23.3	17.4	299.6	306.6	2.4	62.6	14.9	65.
12.6	37.2	3257.4	675.0	-5.7	-11.3	238.6	33.0	28.1	17.2	299.6	306.6	2.4	64.3	16.7	64.
13.7	40.1	3552.7	650.0	-7.0	-14.4	253.0	37.7	33.6	17.1	301.2	306.9	1.9	55.4	19.2	63.
14.9	42.7	3859.3	625.0	-6.2	-15.8	240.4	43.4	37.8	21.5	305.6	311.1	1.8	46.3	21.9	63.
16.0	45.5	4177.9	600.0	-7.6	-14.2	246.9	44.1	36.9	24.1	307.6	314.0	2.1	58.7	24.8	63.
17.3	48.5	4508.3	575.0	-9.4	-16.6	234.1	48.8	39.5	28.6	309.2	314.8	1.8	55.4	28.6	62.
18.5	51.3	4850.0	550.0	-12.6	-17.2	233.3	46.4	37.2	27.7	309.3	314.8	1.8	68.4	31.9	61.
19.9	54.4	5203.9	525.0	-14.8	-19.5	236.0	55.1	45.7	30.8	310.8	315.7	1.6	67.2	36.0	60.
21.2	57.4	5572.2	500.0	-16.7	-22.4	237.4	50.7	42.7	27.4	312.8	316.8	1.3	61.1	40.5	60.
22.7	60.7	5955.7	475.0	-18.8	-27.3	238.4	51.6	43.9	27.0	314.7	317.6	0.9	46.9	44.8	60.
24.0	64.0	6357.5	450.0	-20.8	-35.0	241.0	57.5	50.3	27.9	317.1	318.6	0.4	24.5	48.7	60.
25.5	67.3	6778.2	425.0	-22.9	-39.2	240.4	58.8	51.1	29.0	319.6	320.7	0.3	20.9	54.3	60.
27.1	70.8	7220.2	400.0	-26.1	-43.2	239.5	64.8	55.9	32.8	321.0	321.8	0.2	18.1	61.3	60.
28.8	74.4	7693.9	375.0	-29.7	-46.1	237.8	77.3	65.5	41.2	322.2	322.7	0.2	18.4	67.0	60.
30.5	78.3	8172.0	350.0	-33.6	-49.7	236.6	53.0	44.2	29.1	323.4	323.9	0.1	17.9	75.2	59.
32.2	82.2	8687.0	325.0	-37.7	-53.4	237.7	62.3	52.7	33.3	324.7	325.0	0.1	17.3	79.5	59.
34.0	86.2	9232.3	300.0	-42.9	-59.9	238.1	95.7	81.2	50.6	324.9	324.9	99.9	99.9	89.0	59.
36.1	90.7	9813.8	275.0	-47.5	-67.5	235.2	50.6	41.5	28.9	326.5	326.5	99.9	99.9	94.0	59.
38.3	95.3	10436.2	250.0	-53.1	-71.9	229.1	52.1	39.4	34.1	327.2	327.2	99.9	99.9	105.8	58.
40.3	100.2	11107.7	225.0	-57.6	-79.7	230.4	71.5	55.0	45.6	330.2	330.2	99.9	99.9	111.1	58.
42.6	105.4	11800.8	200.0	-63.7	-89.9	232.4	73.7	58.3	45.0	331.8	331.8	99.9	99.9	121.7	57.
45.0	111.0	12652.3	175.0	-63.8	-99.9	232.7	65.9	76.4	39.3	344.6	344.6	99.9	99.9	135.9	57.
47.9	117.0	13601.0	150.0	-61.7	-99.9	232.7	63.6	60.8	18.9	363.8	363.8	99.9	99.9	142.8	58.
51.3	124.0	14735.9	125.0	-59.9	-99.9	231.3	70.2	66.5	22.5	386.6	386.6	99.9	99.9	163.5	60.
55.5	131.3	16132.8	100.0	-62.2	-99.9	231.4	42.1	36.9	20.1	407.6	407.6	99.9	99.9	177.1	60.
60.2	139.3	17888.2	75.0	-64.2	-99.9	231.8	29.1	28.8	4.1	438.4	438.4	99.9	99.9	186.6	61.
64.5	147.3	20363.4	50.0	-64.2	-99.9	99.9	99.9	99.9	99.9	492.4	492.4	99.9	99.9	99.9	99.9
69.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATMENS, GA  
7 FEBRUARY 1975  
555 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.1	240.0	984.4	3.1	-1.6	270.0	5.1	5.1	0.0	277.9	286.9	3.4	71.0	0.0	0.
0.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	0.9	3.6	975.0	1.8	-3.8	288.1	3.9	3.4	-1.8	277.3	285.1	3.0	66.4	0.3	88.
1.0	11.0	532.3	950.0	-0.3	-4.0	289.0	7.5	7.1	-2.4	277.3	285.1	3.0	76.0	0.5	104.
1.7	13.2	745.1	925.0	-2.4	-3.9	295.8	9.7	8.7	-4.2	277.3	285.4	3.1	89.1	0.9	105.
2.5	15.4	962.1	900.0	-0.4	-4.6	314.4	9.5	6.8	-6.6	277.4	285.3	3.0	98.1	1.3	113.
3.5	17.5	1183.8	875.0	-4.2	-9.8	323.7	12.6	7.4	-10.1	279.7	285.4	2.1	69.0	1.9	121.
4.3	19.9	1414.0	850.0	-0.8	-16.2	315.0	12.7	9.0	-9.0	285.5	289.1	1.3	29.9	2.5	127.
5.1	22.1	1632.6	825.0	-0.9	-17.3	297.0	12.8	11.4	-5.8	287.7	291.2	1.2	27.6	3.1	127.
6.0	24.5	1897.8	800.0	-2.2	-19.3	288.1	11.6	11.0	-3.6	288.9	292.0	1.0	25.4	3.7	124.
6.9	26.8	2149.1	775.0	-4.0	-20.6	293.4	13.9	12.8	-5.5	289.6	292.4	1.0	26.1	4.5	121.
8.0	29.3	2407.0	750.0	-5.5	-24.2	290.7	15.4	14.5	-5.5	290.7	292.9	0.7	21.1	5.4	120.
9.0	31.7	2672.0	725.0	-7.3	-26.1	290.9	16.2	15.1	-5.8	291.5	293.4	0.6	20.5	6.3	118.
10.0	34.4	2944.2	700.0	-9.8	-29.1	285.2	15.5	15.0	-4.1	291.7	293.2	0.5	18.7	7.3	117.
11.0	36.8	3223.6	675.0	-12.1	-33.4	280.6	17.2	16.9	-3.2	292.2	293.2	0.3	15.0	8.2	115.
12.1	39.4	3511.6	650.0	-13.5	-37.2	280.6	20.4	20.1	-3.8	293.8	294.5	0.2	11.4	9.4	114.
13.2	42.0	3808.7	625.0	-15.5	-39.9	273.9	22.1	22.0	-2.3	294.7	295.3	0.2	10.2	10.8	112.
14.3	44.8	4115.6	600.0	-17.8	-41.0	273.0	22.6	22.5	-1.2	295.6	296.1	0.2	11.0	12.2	109.
15.4	47.7	4432.7	575.0	-19.9	-41.7	276.3	25.5	25.3	-2.8	296.6	297.2	0.2	12.3	13.7	108.
16.6	50.5	4781.4	550.0	-21.3	-43.6	273.9	28.7	28.7	-1.9	298.7	299.2	0.1	11.3	15.6	106.
17.8	53.4	5104.7	525.0	-21.1	-43.9	268.7	36.2	36.2	0.8	303.0	303.5	0.1	10.8	17.9	104.
19.2	56.3	5484.9	500.0	-21.0	-44.3	262.0	45.8	45.3	6.4	307.4	307.9	0.1	10.2	21.2	102.
20.6	59.5	5863.4	475.0	-21.6	-47.7	253.4	53.1	50.9	15.1	311.2	311.7	0.1	10.3	24.9	98.
22.0	62.8	6240.9	450.0	-23.5	-50.9	232.2	58.9	56.1	18.1	313.7	314.2	0.1	10.6	29.5	94.
23.4	65.8	6657.8	425.0	-24.8	-46.5	232.1	62.8	59.8	19.3	317.2	317.7	0.1	11.1	34.1	90.
24.9	68.4	7086.2	400.0	-28.1	-47.1	231	72.2	68.6	22.7	318.4	318.9	0.1	14.1	39.7	86.
26.4	72.9	7555.9	375.0	-29.2	-49.7	221	68.0	64.2	22.2	319.5	319.9	0.1	14.8	47.0	85.
28.0	76.6	8039.9	350.0	-35.5	-49.2	221	70.8	67.4	21.8	320.7	321.2	0.1	23.2	54.1	83.
30.2	80.3	8532.3	325.0	-38.7	-50.3	251.9	78.3	74.4	24.4	323.2	323.7	0.1	27.7	62.5	82.
32.4	84.2	9097.0	300.0	-42.9	-59.9	259.6	84.0	78.8	29.3	324.9	324.9	99.9	99.9	71.7	80.
34.5	88.3	9676.3	275.0	-48.8	-59.9	259.2	84.7	80.5	23.0	324.6	324.6	99.9	99.9	81.5	79.
36.6	92.8	10294.4	250.0	-54.4	-59.9	251.5	88.0	83.4	27.9	325.2	325.2	99.9	99.9	90.4	78.
38.8	97.5	10944.3	225.0	-54.9	-59.9	255.3	85.3	89.3	27.3	324.3	324.3	99.9	99.9	101.9	77.
41.4	102.6	11717.1	200.0	-59.7	-59.9	250.1	64.2	60.4	21.8	344.6	344.6	99.9	99.9	108.9	76.
44.5	108.3	12562.0	175.0	-56.6	-59.9	251.1	94.7	89.1	30.6	356.5	356.5	99.9	99.9	123.5	76.
48.0	114.3	13538.5	150.0	-58.6	-59.9	258.2	66.7	61.9	24.8	359.1	359.1	99.9	99.9	138.0	75.
52.3	121.0	14671.6	125.0	-62.4	-59.9	254.1	34.0	32.7	9.3	382.0	382.0	99.9	99.9	150.0	74.
57.1	128.3	16049.3	100.0	-61.8	-59.9	250.1	43.8	42.2	10.5	408.3	408.3	99.9	99.9	160.3	73.
62.1	137.0	17819.9	75.0	-64.4	-59.9	254.4	40.3	38.9	10.8	437.8	437.8	99.9	99.9	178.2	74.
71.4	145.7	20314.3	50.0	-63.0	-59.9	61.1	5.1	4.5	-2.5	455.1	455.1	99.9	99.9	184.7	74.
85.7	155.3	24586.9	25.0	-61.2	-59.9	99.9	99.9	99.9	99.9	609.0	609.0	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 317  
GREENSBORO, NC7 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	275.0	976.7	3.9	1.8	999.9	99.9	99.9	99.9	279.5	291.0	4.5	86.0	999.9	999.9
99.9	99.9	1000.0	976.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	8.4	289.2	975.0	3.9	0.8	999.9	99.9	99.9	99.9	279.6	290.4	4.2	80.5	999.9	999.9
0.8	10.6	500.3	950.0	2.8	-4.8	999.9	99.9	99.9	99.9	280.4	287.9	2.8	57.4	999.9	999.9
1.6	13.0	715.2	925.0	0.8	-6.5	999.9	99.9	99.9	99.9	280.5	287.3	2.5	58.0	999.9	999.9
2.3	15.3	934.8	900.0	-0.9	-6.8	999.9	99.9	99.9	99.9	280.9	287.7	2.5	64.0	999.9	999.9
3.1	17.6	1158.8	875.0	-3.1	-7.3	999.9	99.9	99.9	99.9	280.8	287.6	2.5	73.0	999.9	999.9
3.9	20.3	1387.5	850.0	-5.2	-7.4	999.9	99.9	99.9	99.9	281.0	287.9	2.6	85.0	999.9	999.9
6.7	22.6	1621.4	825.0	-6.9	-8.9	999.9	99.9	99.9	99.9	281.6	288.0	2.4	85.7	999.9	999.9
5.6	25.2	1862.7	800.0	-5.1	-11.4	999.9	99.9	99.9	99.9	285.9	291.5	2.0	61.5	999.9	999.9
6.9	27.6	2111.3	775.0	-7.0	-11.4	999.9	99.9	99.9	99.9	286.5	292.3	2.1	70.6	999.9	999.9
7.5	30.1	2367.5	750.0	-6.5	-14.7	999.9	99.9	99.9	99.9	289.7	294.4	1.6	52.3	999.9	999.9
8.6	32.9	2632.1	725.0	-7.4	-19.0	999.9	99.9	99.9	99.9	291.5	295.0	1.2	38.7	999.9	999.9
9.4	35.3	2904.9	700.0	-8.9	-22.7	999.9	99.9	99.9	99.9	292.7	295.4	0.9	31.6	999.9	999.9
10.5	38.3	3185.3	675.0	-10.9	-26.2	999.9	99.9	99.9	99.9	293.5	295.5	0.7	26.8	999.9	999.9
11.5	40.9	3474.2	650.0	-12.9	-31.2	999.9	99.9	99.9	99.9	294.4	295.7	0.4	19.7	999.9	999.9
12.5	43.8	3771.8	625.0	-15.4	-33.4	999.9	99.9	99.9	99.9	294.9	296.0	0.4	19.6	999.9	999.9
13.7	46.8	4078.6	600.0	-17.7	-36.0	999.9	99.9	99.9	99.9	295.6	296.6	0.3	18.3	999.9	999.9
14.8	49.9	4395.6	575.0	-20.3	-38.6	999.9	99.9	99.9	99.9	296.2	297.0	0.2	17.7	999.9	999.9
16.0	52.9	4723.2	550.0	-22.8	-42.0	999.9	99.9	99.9	99.9	297.0	297.6	0.2	15.3	999.9	999.9
17.1	55.9	5062.1	525.0	-26.3	-45.7	999.9	99.9	99.9	99.9	298.8	297.2	0.1	14.0	999.9	999.9
18.2	59.0	5413.1	500.0	-28.6	-47.9	999.9	99.9	99.9	99.9	298.1	298.4	0.1	13.6	999.9	999.9
19.5	62.5	5780.2	475.0	-28.6	-47.5	999.9	99.9	99.9	99.9	302.6	302.9	0.1	14.1	999.9	999.9
21.0	65.3	6169.2	450.0	-28.7	-47.4	999.9	99.9	99.9	99.9	309.6	310.0	0.1	12.0	999.9	999.9
22.3	69.4	6580.9	425.0	-28.2	-48.7	999.9	99.9	99.9	99.9	312.8	313.2	0.1	11.9	999.9	999.9
23.7	72.9	7014.6	400.0	-29.1	-48.5	999.9	99.9	99.9	99.9	317.2	317.6	0.1	13.1	999.9	999.9
25.2	76.7	7474.4	375.0	-31.6	-49.8	999.9	99.9	99.9	99.9	319.7	320.1	0.1	14.4	999.9	999.9
26.9	80.6	7958.1	350.0	-36.1	-52.7	999.9	99.9	99.9	99.9	320.0	320.3	0.1	15.9	999.9	999.9
28.7	84.7	8488.2	325.0	-39.8	-59.9	999.9	99.9	99.9	99.9	321.8	321.8	99.9	999.9	999.9	999.9
30.6	89.0	9009.7	300.0	-44.8	-59.9	999.9	99.9	99.9	99.9	322.3	322.3	99.9	999.9	999.9	999.9
32.4	93.5	9586.6	275.0	-49.1	-59.9	999.9	99.9	99.9	99.9	324.1	324.1	99.9	999.9	999.9	999.9
34.9	98.2	10208.6	250.0	-51.1	-59.9	999.9	99.9	99.9	99.9	330.1	330.1	99.9	999.9	999.9	999.9
37.0	103.0	10889.2	225.0	-54.1	-59.9	999.9	99.9	99.9	99.9	335.5	335.5	99.9	999.9	999.9	999.9
39.6	108.6	11642.4	200.0	-54.4	-59.9	999.9	99.9	99.9	99.9	346.6	346.6	99.9	999.9	999.9	999.9
42.5	114.5	12493.6	175.0	-57.1	-59.9	999.9	99.9	99.9	99.9	355.8	355.8	99.9	999.9	999.9	999.9
45.3	120.6	13465.2	150.0	-59.5	-59.9	999.9	99.9	99.9	99.9	367.5	367.5	99.9	999.9	999.9	999.9
48.9	127.8	14603.6	125.0	-60.1	-59.9	999.9	99.9	99.9	99.9	386.1	386.1	99.9	999.9	999.9	999.9
53.4	135.7	15906.6	100.0	-60.1	-59.9	999.9	99.9	99.9	99.9	411.6	411.6	99.9	999.9	999.9	999.9
58.9	143.3	17791.6	75.0	-61.4	-59.9	999.9	99.9	99.9	99.9	444.3	444.3	99.9	999.9	999.9	999.9
64.4	152.0	20246.5	50.0	-65.3	-59.9	999.9	99.9	99.9	99.9	489.5	489.5	99.9	999.9	999.9	999.9
70.8	161.0	24544.7	25.0	-63.2	-59.9	999.9	99.9	99.9	99.9	602.9	602.9	99.9	999.9	999.9	999.9

0 BY SPEED MEAN'S ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEAN'S TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEAN'S ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN7 FEBRUARY 1975  
515 GMT

185 42. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	180.0	999.0	-3.3	-5.3	320.0	6.2	4.0	-4.7	270.3	276.8	2.6	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	6.9	372.2	975.0	-4.6	-7.9	303.9	6.8	5.6	-3.8	270.6	276.2	2.2	78.7	0.2	154.
1.5	9.2	575.8	950.0	-7.2	-8.3	300.1	7.6	6.5	-3.8	270.2	275.7	2.2	92.0	0.6	133.
2.3	11.3	783.1	925.0	-9.2	-9.2	300.0	7.7	6.7	-3.9	270.1	275.4	2.1	100.3	0.9	129.
3.0	13.6	994.5	905.0	-10.5	-10.5	293.8	7.3	6.7	-3.9	270.9	275.9	1.9	100.8	1.2	126.
3.7	15.6	1210.9	875.0	-11.9	-11.9	296.5	7.4	6.6	-3.3	271.7	276.3	1.8	100.7	1.5	123.
4.4	18.1	1433.0	850.0	-10.4	-10.5	299.4	7.6	6.7	-3.8	275.5	280.8	2.0	99.3	1.9	123.
5.3	20.5	1663.0	825.0	-10.8	-11.3	301.8	9.7	8.2	-3.1	277.5	282.7	2.0	95.9	2.3	122.
6.2	22.9	1899.8	800.0	-10.4	-11.6	299.5	12.3	10.7	-3.0	280.3	285.6	2.0	90.8	2.9	122.
7.0	25.4	2144.7	775.0	-9.9	-10.8	289.2	15.4	14.6	-3.1	283.4	289.3	2.2	93.0	3.6	121.
8.0	27.9	2397.4	750.0	-10.7	-11.2	275.8	16.5	16.4	-1.7	285.3	291.3	2.2	96.1	4.4	117.
8.6	30.5	2658.2	725.0	-11.5	-13.7	267.9	19.0	18.9	0.7	287.1	292.2	1.8	83.6	5.3	113.
9.8	33.2	2926.4	700.0	-13.3	-15.6	266.9	18.7	18.7	1.0	287.9	292.5	1.6	82.9	6.3	108.
10.7	35.8	3202.6	675.0	-15.2	-21.1	272.8	18.1	18.1	-0.9	288.7	291.8	1.1	80.6	7.2	105.
11.6	38.6	3486.6	650.0	-17.4	-26.4	276.4	19.2	19.1	-2.1	289.3	291.3	0.7	45.2	8.2	104.
12.5	41.1	3779.1	625.0	-19.5	-35.1	276.4	19.8	19.6	-2.2	290.1	291.1	0.3	23.6	9.4	103.
13.6	44.1	4081.2	600.0	-21.6	-41.7	274.4	22.2	22.1	-1.7	291.1	291.6	0.2	14.3	10.7	102.
14.7	47.1	4393.7	575.0	-23.3	-45.8	274.7	23.6	23.6	-1.9	292.7	293.0	0.1	10.5	12.2	101.
15.9	50.2	4717.6	550.0	-25.6	-48.0	274.2	25.4	25.3	-1.9	293.7	294.0	0.1	10.1	13.2	101.
17.0	53.1	5053.7	525.0	-27.0	-48.9	275.4	29.7	29.6	-2.8	296.0	296.4	0.1	16.2	15.6	100.
18.2	56.1	5404.2	500.0	-29.0	-46.7	278.8	32.5	32.1	-3.0	297.7	298.1	0.1	16.1	17.9	99.
19.4	59.6	5769.4	475.0	-31.5	-50.2	281.0	36.2	35.5	-6.9	299.0	299.3	0.1	13.7	20.4	100.
20.8	63.1	6149.6	450.0	-34.8	-52.6	278.7	36.4	36.0	-5.5	299.5	299.7	0.1	14.2	23.6	100.
22.3	66.4	6546.1	425.0	-38.0	-54.2	275.2	34.4	34.3	-3.1	300.3	300.5	0.1	16.2	26.8	99.
23.8	70.1	6960.4	400.0	-41.8	-59.9	277.1	36.5	36.3	-4.5	301.0	301.9	99.9	99.9	29.9	99.
25.4	73.9	7395.8	375.0	-44.0	99.9	276.0	33.1	33.0	-3.5	303.3	303.9	99.9	99.9	33.2	99.
27.0	78.0	7855.9	350.0	-46.2	99.9	265.9	44.4	44.3	3.2	306.4	309.9	99.9	99.9	36.8	98.
28.7	82.0	8349.1	325.0	-46.1	99.9	261.8	54.1	53.6	7.7	313.2	309.9	99.9	99.9	41.6	96.
30.4	86.2	8879.2	300.0	-47.9	99.9	259.5	59.5	58.5	10.8	317.9	309.9	99.9	99.9	47.5	94.
32.4	91.0	9452.0	275.0	-49.1	99.9	257.7	57.2	56.3	10.3	324.1	309.9	99.9	99.9	54.3	92.
34.4	95.8	10076.8	250.0	-50.2	99.9	258.4	56.6	55.5	11.4	331.5	309.9	99.9	99.9	61.1	91.
36.9	101.0	10764.8	225.0	-48.3	99.9	257.7	44.0	43.0	9.4	344.6	309.9	99.9	99.9	69.3	90.
39.3	106.8	11534.9	200.0	-52.6	99.9	256.3	42.0	40.8	10.0	349.4	309.9	99.9	99.9	74.5	88.
42.0	113.0	12395.1	175.0	-53.5	99.9	260.3	43.5	42.9	7.3	361.6	309.9	99.9	99.9	81.9	88.
45.0	120.0	13383.0	150.0	-55.4	99.9	258.4	53.7	52.6	10.8	374.6	309.9	99.9	99.9	90.3	87.
48.5	127.7	14540.8	125.0	-58.0	99.9	259.8	46.0	45.2	8.1	390.0	309.9	99.9	99.9	101.1	86.
52.3	136.3	15937.5	100.0	-60.5	99.9	265.7	39.8	39.7	3.0	410.8	309.9	99.9	99.9	109.3	86.
57.3	145.3	17721.8	75.0	-60.9	99.9	258.1	26.0	25.3	9.4	408.8	309.9	99.9	99.9	119.3	86.
64.0	155.7	20238.7	50.0	-63.8	99.9	261.3	20.6	20.3	3.1	493.3	309.9	99.9	99.9	126.6	84.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
000 GMT

149 44. 0

TIME MIN	CNCTY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0-0	4-6	79-0	1016-9	-5-6	-11-1	320-0	4-6	3-0	-3-5	266-5	270-6	1-6	65-0	0-0	0-
0-4	5-6	210-3	1000-0	-6-6	-11-2	312-3	3-4	2-5	-2-3	266-6	270-8	1-6	70-3	0-3	142-
1-1	8-0	407-2	975-0	-8-6	-12-7	319-2	7-0	4-5	-5-3	266-6	270-5	1-5	72-3	0-4	139-
1-7	10-3	407-9	950-0	-10-7	-13-2	324-0	6-9	5-2	-7-2	266-5	270-2	1-4	81-8	0-8	140-
2-4	12-5	812-6	925-0	-11-8	-13-5	329-8	6-3	3-2	-5-4	267-4	271-2	1-5	87-0	1-1	143-
3-2	14-6	1022-6	900-0	-11-0	-14-0	327-4	6-1	3-3	-5-1	270-4	274-2	1-4	78-5	1-4	144-
4-0	17-1	1241-0	875-0	-7-3	-15-1	315-0	9-1	6-5	-6-5	270-4	280-0	1-3	53-4	1-7	144-
4-7	19-5	1466-8	850-0	-7-4	-15-8	314-5	9-8	7-0	-6-8	270-6	282-2	1-3	50-9	2-1	142-
5-4	21-8	1699-8	825-0	-6-7	-22-5	318-3	11-8	7-8	-8-8	281-6	283-8	0-8	27-0	2-6	141-
6-2	23-3	1939-9	800-0	-6-8	-27-1	322-1	13-6	8-4	-10-7	283-9	285-5	0-5	18-0	3-1	141-
7-0	26-7	2187-4	775-0	-7-6	-23-6	321-9	15-2	9-4	-11-9	285-8	287-9	0-7	26-3	3-9	141-
7-8	29-3	2442-1	750-0	-8-8	-20-5	318-0	15-1	10-5	-10-9	287-1	290-0	1-0	38-1	4-6	141-
8-7	32-1	2704-0	725-0	-9-9	-21-7	307-4	15-9	12-6	-9-6	288-7	291-4	0-9	37-3	5-4	140-
9-7	36-9	2974-2	700-0	-10-9	-29-2	304-4	18-8	15-5	-10-6	290-4	292-0	0-5	21-0	6-3	137-
10-6	37-3	3253-7	675-0	-11-6	-30-7	301-0	20-7	17-7	-10-6	292-7	294-1	0-4	18-8	7-5	135-
11-7	40-2	3542-1	650-0	-13-1	-35-3	298-8	22-4	19-7	-10-8	294-2	295-1	0-3	13-4	8-8	133-
12-6	42-9	3839-8	625-0	-14-8	-44-0	296-3	22-5	20-2	-10-0	295-5	295-9	0-1	6-3	10-3	131-
13-7	45-8	4147-9	600-0	-16-3	-60-2	293-8	22-7	18-9	-8-4	297-3	297-3	0-0	1-0	11-5	129-
14-3	48-9	4467-4	575-0	-17-9	-61-3	299-1	20-7	18-1	-10-1	299-0	299-1	0-0	1-0	12-7	127-
15-9	51-0	4799-1	550-0	-19-3	-62-2	301-6	24-5	20-9	-12-9	301-1	301-2	0-0	1-0	14-2	127-
16-9	54-9	5143-1	525-0	-21-7	-63-8	295-8	27-9	25-1	-12-1	302-3	302-3	0-0	1-0	15-8	126-
18-1	58-0	5500-3	500-0	-25-0	-65-9	290-6	27-0	25-2	-9-5	302-5	302-6	0-0	1-0	17-7	125-
19-3	61-3	5871-2	475-0	-27-8	-61-2	290-6	28-5	26-6	-10-0	303-6	303-6	0-0	2-4	19-7	123-
20-6	64-9	6257-6	450-0	-30-4	-65-8	289-0	30-5	28-7	-10-2	304-9	305-0	0-0	1-7	21-8	122-
21-9	68-1	6661-6	425-0	-33-0	-71-2	286-4	33-7	32-4	-9-5	306-7	306-7	0-0	1-0	24-2	121-
23-2	71-6	7085-5	400-0	-35-7	-72-4	281-9	35-4	34-6	-7-3	308-5	308-5	0-0	1-1	27-0	119-
24-8	75-4	7531-5	375-0	-38-6	-72-3	280-4	35-5	38-9	-7-1	310-4	310-4	0-0	1-5	30-2	117-
26-3	79-3	8002-2	350-0	-41-8	99-9	275-1	40-3	40-1	-3-6	312-4	999-9	99-9	999-9	33-8	115-
27-9	83-3	8500-9	325-0	-45-5	99-9	277-8	43-9	43-5	-5-9	315-0	999-9	99-9	999-9	37-6	113-
29-5	87-3	9032-2	300-0	-47-8	99-9	269-9	46-3	46-3	0-1	317-9	999-9	99-9	999-9	41-8	111-
31-4	92-0	9600-9	275-0	-51-4	99-9	272-6	51-3	51-3	-2-4	320-8	999-9	99-9	999-9	46-7	109-
33-4	96-6	10218-5	250-0	-52-4	99-9	276-0	53-2	45-0	-4-7	328-2	999-9	99-9	999-9	52-4	107-
35-6	101-4	10900-1	225-0	-52-4	99-9	269-4	56-6	54-6	0-5	338-2	999-9	99-9	999-9	59-5	105-
38-1	107-9	11640-6	200-0	-52-8	99-9	276-9	53-2	52-9	-6-4	345-2	999-9	99-9	999-9	68-6	104-
41-0	112-8	12520-2	175-0	-53-5	99-9	274-9	48-6	46-4	-4-0	361-5	999-9	99-9	999-9	75-4	103-
44-3	119-0	13566-5	150-0	-56-8	99-9	278-6	42-8	42-3	-6-4	372-2	999-9	99-9	999-9	83-7	103-
48-4	126-0	14654-8	125-0	-59-4	99-9	267-9	40-7	40-6	1-5	387-5	999-9	99-9	999-9	94-6	102-
53-4	133-7	16051-9	100-0	-62-0	99-9	278-2	35-7	35-3	-5-1	406-2	999-9	99-9	999-9	105-7	101-
59-9	141-7	17795-3	75-0	-62-8	99-9	278-2	33-0	32-7	-4-7	441-2	999-9	99-9	999-9	118-6	100-
69-0	150-0	20308-4	50-0	-63-1	99-9	216-5	6-2	3-7	5-0	493-7	999-9	99-9	999-9	129-2	99-
99-0	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
600 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCY	RANGE KM	AZ DG
0.0	7.2	438.0	971.9	-12.8	-14.2	290.0	3.6	3.4	-1.2	262.6	266.0	1.3	89.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	9.1	612.1	950.0	-12.7	-19.1	306.9	10.2	8.2	-6.1	264.4	266.7	0.9	58.6	0.3	132.
1.5	11.2	815.2	925.0	-14.1	-22.1	308.9	7.5	5.8	-4.7	264.9	266.8	0.7	50.7	0.7	129.
2.3	13.4	1023.0	900.0	-14.5	-26.4	310.0	7.1	5.4	-4.6	266.6	268.0	0.5	35.6	1.0	130.
3.1	15.6	1236.6	875.0	-13.9	-33.0	310.7	7.7	5.8	-5.0	269.4	270.2	0.3	18.6	1.4	129.
3.9	17.8	1457.1	850.0	-13.4	-37.7	315.1	8.5	6.0	-6.0	272.2	272.7	0.2	10.8	1.7	131.
4.8	20.2	1685.5	825.0	-10.7	-34.5	310.6	13.7	10.4	-8.9	277.4	278.1	0.2	12.0	2.3	131.
5.6	22.5	1922.3	800.0	-10.4	-40.5	312.7	18.3	13.5	-12.4	280.1	280.5	0.1	6.5	3.1	131.
6.4	25.0	2166.6	775.0	-10.1	-24.3	312.5	20.7	15.3	-14.0	283.8	285.0	0.7	30.2	4.2	132.
7.4	27.3	2419.4	750.0	-10.5	-26.9	313.2	24.2	17.7	-16.6	285.2	287.0	0.6	25.5	5.4	132.
8.5	29.9	2679.8	725.0	-11.5	-26.8	311.5	24.7	18.5	-16.4	286.9	288.7	0.6	26.8	7.0	132.
9.5	32.6	2947.9	700.0	-13.3	-30.6	310.6	25.7	19.5	-16.7	287.8	289.1	0.4	21.6	8.4	132.
10.5	35.2	3223.8	675.0	-15.2	-31.3	313.1	25.1	18.3	-17.1	288.7	290.0	0.4	24.0	17.0	132.
11.5	37.8	3508.2	650.0	-16.7	-37.7	312.3	25.8	19.0	-17.3	290.0	290.8	0.2	14.3	11.6	132.
12.7	40.5	3802.5	625.0	-17.1	-44.3	311.4	25.2	18.9	-16.7	292.8	293.2	0.1	7.4	13.4	132.
14.0	43.2	4108.0	600.0	-18.6	-43.1	309.9	26.1	20.0	-16.7	294.6	295.1	0.1	9.5	15.4	132.
15.2	46.1	4423.8	575.0	-21.4	-38.9	307.4	25.5	20.2	-15.5	294.9	295.6	0.2	18.9	17.2	131.
16.3	48.2	4750.2	550.0	-23.0	-40.8	304.0	25.7	21.3	-14.4	296.7	297.4	0.2	17.8	19.0	131.
17.7	52.0	5089.8	525.0	-24.9	-43.5	300.1	27.9	24.2	-14.0	298.4	299.0	0.2	15.7	21.1	130.
19.0	55.2	5442.5	500.0	-27.7	-42.1	298.0	31.1	27.4	-14.6	299.2	299.8	0.2	23.6	23.3	129.
20.3	58.3	5809.5	475.0	-30.2	-42.9	294.8	31.8	28.8	-13.5	300.5	301.1	0.2	27.6	26.0	128.
21.7	61.7	6191.9	450.0	-33.2	-44.4	294.1	35.7	32.6	-10.5	301.5	302.0	0.2	31.2	28.4	126.
23.1	65.3	6590.7	425.0	-36.9	-47.4	290.0	30.6	28.9	-14.5	301.7	302.1	0.1	32.3	31.5	125.
24.6	68.7	7007.4	400.0	-40.1	99.9	291.7	34.3	31.9	-12.7	302.9	303.9	99.9	999.9	33.7	124.
26.2	72.3	7444.1	375.0	-44.0	99.9	288.4	33.4	31.7	-10.6	303.4	303.9	99.9	999.9	37.9	123.
28.1	76.3	7903.8	350.0	-47.0	99.9	291.2	36.76	34.2	-13.3	305.3	305.9	99.9	999.9	41.9	122.
30.0	80.4	8391.9	325.0	-49.6	99.9	293.3	37.89	34.7	-15.0	308.3	309.9	99.9	999.9	45.0	121.
32.2	84.7	8913.3	300.0	-51.8	99.9	290.0	28.70	27.0	-9.8	312.3	309.9	99.9	999.9	49.4	120.
34.4	89.0	9475.6	275.0	-52.2	99.9	295.2	38.56	34.9	-16.4	319.7	309.9	99.9	999.9	55.3	119.
36.7	94.0	10092.2	250.0	-52.3	99.9	287.4	37.59	35.6	-11.2	328.3	309.9	99.9	999.9	59.7	118.
39.3	99.0	10771.8	225.0	-52.0	99.9	284.9	37.49	36.1	-9.6	338.8	309.9	99.9	999.9	64.6	118.
42.2	104.4	11534.3	200.0	-53.1	99.9	281.7	41.99	41.1	-8.5	348.7	309.9	99.9	999.9	72.6	118.
45.5	110.4	12393.0	175.0	-53.5	99.9	289.7	39.29	36.9	-13.2	361.6	309.9	99.9	999.9	81.8	115.
49.4	116.8	13281.0	150.0	-55.5	99.9	278.0	38.78	38.3	-5.4	374.5	309.9	99.9	999.9	90.5	114.
53.8	124.3	14335.1	125.0	-58.7	99.9	285.6	37.99	36.5	-10.2	388.8	309.9	99.9	999.9	99.6	113.
58.8	132.5	15331.2	100.0	-61.3	99.9	277.9	24.38	24.1	-3.3	409.2	309.9	99.9	999.9	108.7	112.
64.5	141.0	17709.5	75.0	-64.3	99.9	274.9	28.98	28.8	-2.5	438.1	309.9	99.9	999.9	117.7	111.
73.1	150.0	20203.5	50.0	-63.6	99.9	264.7	17.70	17.6	1.6	493.7	309.9	99.9	999.9	129.0	109.
87.1	159.5	24442.7	25.0	-64.5	99.9	999.9	99.9	99.9	99.9	599.4	309.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX7 FEBRUARY 1975  
600 GMT

153 15. 0

TIME MIN	CHTY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	1095.0	894.4	-4.2	-7.0	200.0	9.3	3.2	0.7	274.0	284.7	2.5	81.0	0.0	0.
00.0	00.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	00.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	00.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	00.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	00.0	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	16.5	1269.6	875.0	-0.6	-9.2	221.3	17.6	11.6	13.2	283.4	289.5	2.2	53.6	0.8	32.
1.4	19.0	1501.3	850.0	-0.4	-13.5	230.6	14.8	11.4	9.4	285.9	290.4	1.6	38.3	1.3	40.
2.2	21.3	1739.9	825.0	-0.3	-18.0	250.2	11.2	10.6	3.8	288.4	291.7	1.1	24.7	1.8	45.
2.9	23.6	1985.3	800.0	-1.7	-19.4	264.7	8.9	8.9	0.8	289.4	292.4	1.0	24.5	2.3	52.
3.7	26.1	2236.8	775.0	-3.6	-23.6	265.4	6.5	6.5	0.5	290.0	292.2	0.7	19.2	2.6	57.
4.7	28.7	2495.0	750.0	-5.3	-28.4	261.2	3.6	3.6	0.6	290.8	292.3	0.5	14.2	2.8	59.
5.7	31.4	2760.4	725.0	-6.4	-30.7	277.0	5.3	5.2	-0.6	292.4	293.7	0.4	12.4	3.0	62.
6.6	34.1	3033.7	700.0	-8.0	-31.8	280.7	6.4	6.3	-1.2	293.6	294.8	0.4	12.7	3.3	65.
7.7	36.7	3315.4	675.0	-9.4	-38.1	278.0	6.4	6.4	-0.9	295.2	295.9	0.2	7.4	3.7	68.
8.7	39.6	3606.1	650.0	-10.8	-38.4	294.3	5.6	5.1	-2.3	296.8	297.4	0.2	7.9	4.0	72.
9.8	42.3	3906.4	625.0	-12.5	-40.1	296.4	6.0	5.4	-2.7	298.1	298.7	0.2	7.8	4.2	75.
10.8	45.3	4217.8	600.0	-13.4	-39.0	304.3	8.2	6.8	-4.6	300.6	301.3	0.2	9.4	4.6	79.
11.9	48.4	4540.7	575.0	-14.9	-40.0	318.5	10.8	7.1	-8.1	302.5	303.2	0.2	9.6	4.9	84.
13.1	51.4	4876.1	550.0	-15.9	-41.4	315.7	13.5	9.5	-9.7	305.2	305.8	0.2	8.9	5.5	92.
14.3	54.6	5225.9	525.0	-17.0	-42.2	315.0	16.5	11.7	-11.7	308.0	308.6	0.2	9.1	6.2	99.
15.7	57.9	5591.4	500.0	-17.7	-43.4	315.6	25.0	17.5	-17.9	311.5	312.0	0.2	8.4	7.7	106.
17.1	61.3	5974.7	475.0	-19.1	-43.2	315.3	32.5	22.9	-23.1	314.3	314.9	0.2	9.7	9.9	113.
18.4	64.9	6375.3	450.0	-21.5	-41.7	312.3	35.7	26.4	-24.0	316.2	317.0	0.2	14.1	12.6	118.
19.8	68.4	6793.3	425.0	-25.6	-44.3	310.1	37.9	29.0	-24.4	316.1	316.7	0.2	15.4	15.6	120.
21.3	72.1	7229.0	400.0	-29.9	-47.0	310.4	37.7	28.7	-24.5	316.0	316.5	0.1	17.0	18.9	122.
22.9	76.2	7684.6	375.0	-34.3	-48.8	310.4	37.2	28.3	-24.1	316.2	316.6	0.1	21.1	22.6	123.
24.6	80.3	8163.6	350.0	-38.1	-53.3	312.6	36.8	27.1	-24.9	317.3	317.6	0.1	18.2	26.2	124.
26.4	84.7	8669.9	325.0	-42.6	-59.9	315.2	36.5	25.7	-25.9	318.0	318.9	99.9	99.9	30.2	126.
28.2	89.0	9203.7	300.0	-47.2	-66.9	313.7	37.4	27.0	-25.9	318.9	319.9	99.9	99.9	34.0	127.
30.0	94.0	9772.8	275.0	-52.8	-77.2	305.3	35.7	29.1	-20.6	318.8	319.9	99.9	99.9	38.2	127.
32.2	99.0	10381.1	250.0	-57.9	-89.9	298.7	38.4	33.7	-18.5	320.0	320.9	99.9	99.9	42.7	127.
34.6	104.3	11042.3	225.0	-60.1	-99.9	295.5	43.4	39.2	-16.7	326.5	326.9	99.9	99.9	48.6	129.
37.3	110.2	11781.9	200.0	-57.4	-99.9	297.5	36.1	32.1	-16.7	342.0	342.9	99.9	99.9	55.7	124.
40.4	116.3	12625.7	175.0	-57.9	-99.9	286.8	27.9	26.7	-8.1	354.4	354.9	99.9	99.9	63.4	123.
44.0	123.3	13602.5	150.0	-57.1	-99.9	288.0	55.3	52.6	-17.1	371.8	371.8	99.9	99.9	71.6	121.
48.0	130.6	14745.2	125.0	-60.1	-99.9	299.5	48.2	41.9	-23.7	386.2	386.2	99.9	99.9	80.7	120.
52.8	138.7	16119.3	100.0	-66.0	-99.9	286.4	28.0	26.8	-7.9	400.2	400.2	99.9	99.9	93.4	119.
59.1	146.5	17851.6	75.0	-67.6	-99.9	297.1	28.5	25.4	-13.0	431.2	431.2	99.9	99.9	104.8	118.
67.7	155.0	20311.7	50.0	-63.1	-99.9	206.0	9.9	4.3	8.9	494.7	494.7	99.9	99.9	114.6	117.
80.6	163.7	24580.0	25.0	-63.3	-99.9	200.2	20.7	19.4	-7.1	603.2	603.2	99.9	99.9	128.1	117.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA  
7 FEBRUARY 1975  
515 GMT

TIME MIN	CHCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEV PT DEG C	OIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.3	4.0	1004.2	7.2	5.2	99.9	99.9	99.9	99.9	280.7	254.9	5.5	87.0	999.9	999.9
0.2	5.7	38.6	1000.0	6.9	5.3	99.9	99.9	99.9	99.9	280.8	255.0	5.6	89.6	999.9	999.9
0.4	6.1	246.2	975.0	5.0	4.1	99.9	99.9	99.9	99.9	280.9	254.4	5.3	93.9	999.9	999.9
0.6	10.5	438.1	950.0	3.8	3.8	99.9	99.9	99.9	99.9	281.6	254.2	4.9	92.1	999.9	999.9
0.8	12.8	674.6	925.0	3.1	1.9	99.9	99.9	99.9	99.9	283.1	255.5	4.7	91.4	999.9	999.9
1.0	15.3	896.2	900.0	1.0	-0.1	99.9	99.9	99.9	99.9	284.2	254.2	4.2	92.1	999.9	999.9
1.2	17.6	1122.5	875.0	0.1	-1.1	99.9	99.9	99.9	99.9	284.4	253.1	4.0	92.0	999.9	999.9
1.4	20.3	1356.5	850.0	-1.2	-2.4	99.9	99.9	99.9	99.9	285.3	253.4	3.8	91.3	999.9	999.9
1.6	22.8	1592.7	825.0	-1.5	-2.8	99.9	99.9	99.9	99.9	287.5	257.7	3.8	91.1	999.9	999.9
1.8	25.2	1817.9	800.0	-2.0	-3.3	99.9	99.9	99.9	99.9	289.4	259.6	3.8	91.0	999.9	999.9
2.0	28.1	2000.0	775.0	-3.2	-4.4	99.9	99.9	99.9	99.9	290.8	300.6	3.6	91.5	999.9	999.9
2.2	30.9	2349.0	750.0	-4.8	-5.8	99.9	99.9	99.9	99.9	291.8	301.0	3.3	92.4	999.9	999.9
2.4	33.6	2615.4	725.0	-6.2	-7.1	99.9	99.9	99.9	99.9	293.0	301.7	3.1	93.0	999.9	999.9
2.6	36.3	2889.4	700.0	-7.6	-8.4	99.9	99.9	99.9	99.9	294.5	302.7	2.9	93.5	999.9	999.9
2.8	39.3	3171.9	675.0	-9.5	-10.4	99.9	99.9	99.9	99.9	295.4	302.7	2.6	93.2	999.9	999.9
3.0	42.1	3462.7	650.0	-11.5	-12.4	99.9	99.9	99.9	99.9	296.2	302.8	2.3	93.2	999.9	999.9
3.2	45.3	3762.4	625.0	-13.8	-14.8	99.9	99.9	99.9	99.9	296.8	302.5	1.9	92.1	999.9	999.9
3.4	48.5	4071.7	600.0	-15.7	-16.7	99.9	99.9	99.9	99.9	298.2	303.2	1.7	91.4	999.9	999.9
3.6	51.5	4391.8	575.0	-17.6	-18.8	99.9	99.9	99.9	99.9	299.5	304.0	1.5	90.2	999.9	999.9
3.8	54.9	4723.1	550.0	-20.1	-21.5	99.9	99.9	99.9	99.9	300.3	304.1	1.2	88.6	999.9	999.9
4.0	58.1	5066.4	525.0	-22.7	-24.3	99.9	99.9	99.9	99.9	301.2	304.1	1.0	86.7	999.9	999.9
4.2	61.8	5422.3	500.0	-25.8	-27.6	99.9	99.9	99.9	99.9	301.7	304.1	0.8	84.0	999.9	999.9
4.4	65.3	5791.6	475.0	-28.7	-31.3	99.9	99.9	99.9	99.9	302.5	304.3	0.6	77.7	999.9	999.9
4.6	69.2	6177.8	450.0	-30.6	-33.0	99.9	99.9	99.9	99.9	306.0	307.7	0.5	72.5	999.9	999.9
4.8	73.0	6585.2	425.0	-32.9	-35.4	99.9	99.9	99.9	99.9	311.8	313.7	0.6	70.0	999.9	999.9
5.0	77.0	7017.8	400.0	-30.1	-34.4	99.9	99.9	99.9	99.9	315.9	317.6	0.5	65.7	999.9	999.9
5.2	81.2	7470.8	375.0	-32.9	-37.9	99.9	99.9	99.9	99.9	318.0	319.3	0.4	64.6	999.9	999.9
5.4	85.6	7956.7	350.0	-36.9	-42.0	99.9	99.9	99.9	99.9	318.9	319.8	0.3	56.8	999.9	999.9
5.6	90.2	8465.1	325.0	-40.5	-49.9	99.9	99.9	99.9	99.9	320.8	320.8	0.2	59.9	999.9	999.9
5.8	95.2	9005.0	300.0	-45.3	-59.9	99.9	99.9	99.9	99.9	321.5	321.5	0.2	59.9	999.9	999.9
6.0	100.0	9579.4	275.0	-50.2	-69.9	99.9	99.9	99.9	99.9	322.8	322.8	0.2	59.9	999.9	999.9
6.2	105.4	10145.3	250.0	-54.5	-79.9	99.9	99.9	99.9	99.9	325.0	325.0	0.2	59.9	999.9	999.9
6.4	111.0	10687.2	225.0	-58.9	-89.9	99.9	99.9	99.9	99.9	331.3	331.3	0.2	59.9	999.9	999.9
6.6	117.3	11605.2	200.0	-61.1	-99.9	99.9	99.9	99.9	99.9	336.1	336.1	0.2	59.9	999.9	999.9
6.8	124.0	12448.7	175.0	-54.6	-99.9	99.9	99.9	99.9	99.9	359.8	359.8	0.2	59.9	999.9	999.9
7.0	131.0	13436.3	150.0	-55.2	-99.9	99.9	99.9	99.9	99.9	374.9	374.9	0.2	59.9	999.9	999.9
7.2	138.7	14589.2	125.0	-59.5	-99.9	99.9	99.9	99.9	99.9	387.3	387.3	0.2	59.9	999.9	999.9
7.4	146.0	15971.2	100.0	-58.5	-99.9	99.9	99.9	99.9	99.9	414.8	414.8	0.2	59.9	999.9	999.9
7.6	154.3	17771.6	75.0	-60.5	-99.9	99.9	99.9	99.9	99.9	448.1	448.1	0.2	59.9	999.9	999.9
7.8	163.0	20272.2	50.0	-61.7	-99.9	99.9	99.9	99.9	99.9	498.1	498.1	0.2	59.9	999.9	999.9
8.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 405  
STERLING, VA7 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	WIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y DG K	E POT Y DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	85.0	997.1	0.7	-1.7	250.0	3.1	2.9	1.1	274.5	283.2	3.4	84.0	0.0	0.
00.0	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.7	6.2	266.6	975.0	3.0	-1.2	298.8	7.7	6.8	-3.7	278.6	288.0	3.6	73.9	0.2	107.
1.3	10.4	476.6	950.0	1.4	-2.2	304.3	8.7	7.2	-4.9	279.0	287.9	3.4	76.8	0.5	115.
2.1	12.5	690.8	925.0	-0.4	-2.6	313.1	9.7	7.1	-6.6	279.3	286.2	3.4	85.2	0.9	121.
2.7	14.8	909.3	900.0	-2.3	-3.7	314.0	12.0	8.6	-8.3	279.6	286.1	3.2	89.5	1.4	126.
3.3	17.0	1112.5	875.0	-3.9	-5.1	312.4	12.8	9.4	-8.6	280.1	288.0	3.0	91.3	1.6	128.
4.1	19.4	1360.8	850.0	-5.9	-6.5	307.2	12.9	10.3	-7.8	280.3	287.6	2.8	95.6	2.4	128.
4.8	21.6	1594.1	825.0	-7.6	-8.0	306.1	12.3	9.9	-7.2	280.8	287.6	2.5	96.9	3.0	128.
5.6	24.1	1833.7	800.0	-9.6	-11.6	304.6	11.6	9.6	-6.8	283.3	288.7	1.9	71.5	3.5	128.
6.4	26.4	2080.3	775.0	-9.1	-13.1	297.2	10.9	9.7	-5.0	284.2	289.2	1.8	73.0	4.0	127.
7.2	28.9	2333.6	750.0	-10.2	-14.4	288.6	11.3	10.7	-3.6	285.7	289.4	1.7	71.3	4.6	125.
8.0	31.6	2594.5	725.0	-11.4	-15.6	273.3	11.7	11.7	-0.7	287.1	291.6	1.6	71.2	5.1	123.
8.8	34.2	2863.0	700.0	-13.0	-16.5	262.3	12.4	12.3	1.7	286.2	292.5	1.5	75.1	5.5	119.
9.6	36.7	3139.3	675.0	-15.2	-17.3	257.6	14.0	13.7	3.0	286.8	293.0	1.5	83.8	6.0	115.
10.5	39.5	3424.4	650.0	-15.8	-19.1	250.9	18.8	17.8	6.2	291.2	295.0	1.3	79.7	6.7	111.
11.4	42.1	3719.2	625.0	-17.5	-20.3	245.4	24.2	22.0	10.1	292.6	296.2	1.2	78.5	7.6	105.
12.3	45.0	4023.8	600.0	-19.7	-22.0	243.8	27.3	24.3	12.4	293.4	296.7	1.1	81.6	8.7	99.
13.2	48.0	4339.3	575.0	-21.2	-23.7	239.1	28.0	24.2	14.5	296.3	298.2	1.0	80.0	10.0	93.
14.2	50.9	4666.3	550.0	-23.5	-25.5	235.0	30.0	24.5	17.2	296.3	299.0	0.9	83.4	11.5	88.
15.1	53.9	5005.1	525.0	-25.9	-28.3	231.6	29.8	23.4	18.5	297.3	299.5	0.7	80.3	12.9	84.
16.1	56.8	5356.5	500.0	-28.9	-31.0	225.0	28.6	20.2	20.2	297.8	299.6	0.6	82.0	14.4	80.
17.2	60.0	5721.4	475.0	-31.8	-33.8	211.8	27.6	14.5	23.5	298.6	300.1	0.5	85.5	15.8	76.
18.4	63.4	6101.7	450.0	-34.8	-37.0	206.1	29.3	12.9	26.4	299.5	300.7	0.4	80.1	17.1	70.
19.6	66.6	6497.9	425.0	-38.4	-42.0	213.1	32.2	17.7	26.9	299.8	300.5	0.2	68.5	18.9	66.
20.7	70.1	6911.3	400.0	-41.8	-45.9	220.5	30.7	19.9	23.4	300.7	300.5	0.9	99.9	20.5	63.
22.0	73.7	7368.1	375.0	-42.3	-47.3	23.2	41.2	34.2	22.9	305.6	309.9	0.9	99.9	23.3	62.
23.4	77.6	7814.1	350.0	-42.7	-49.9	238.8	54.9	46.9	28.4	311.2	309.9	0.9	99.9	27.2	61.
24.8	81.2	8313.5	325.0	-43.7	-49.9	237.4	60.1	50.6	32.3	316.5	309.9	0.9	99.9	32.5	61.
26.9	85.4	8850.0	300.0	-45.3	-49.9	232.5	59.4	47.2	36.2	321.5	309.9	0.9	99.9	39.6	60.
29.1	89.8	9428.7	275.0	-47.2	-49.9	234.9	59.7	48.8	34.3	326.9	309.9	0.9	99.9	47.4	59.
31.4	94.4	10054.9	250.0	-50.4	-49.9	233.9	60.79	49.1	35.8	331.1	309.9	0.9	99.9	56.1	58.
33.7	99.2	10738.9	225.0	-52.9	-49.9	234.5	60.99	56.1	40.0	337.4	309.9	0.9	99.9	65.3	57.
36.4	104.4	11497.4	200.0	-53.2	-49.9	237.9	58.36	49.3	31.0	348.5	309.9	0.9	99.9	74.6	57.
39.5	110.2	12352.4	175.0	-55.0	-49.9	244.6	38.88	36.0	17.1	359.1	309.9	0.9	99.9	85.2	58.
42.7	116.0	13332.1	150.0	-56.8	-49.9	247.2	68.19	62.8	26.4	372.3	309.9	0.9	99.9	96.7	58.
46.7	123.0	14467.3	125.0	-57.3	-49.9	256.6	47.99	46.5	11.3	391.3	309.9	0.9	99.9	105.9	60.
51.8	130.5	15998.1	100.0	-58.0	-49.9	250.4	24.86	23.4	9.3	415.6	309.9	0.9	99.9	118.0	62.
57.9	138.5	17707.1	75.0	-58.3	-49.9	237.3	23.36	19.6	12.6	450.7	309.9	0.9	99.9	131.0	63.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 425  
MUNTINGTON, WA  
7 FEBRUARY 1975  
515 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	246.0	984.8	-1.7	-5.0	200.0	5.1	5.0	-0.9	273.0	279.9	2.7	78.0	0.0	0.
0.9	9.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	7.0	325.5	975.0	-2.7	-5.7	275.6	9.5	9.4	-0.9	272.7	279.4	2.6	79.9	0.2	98.
0.9	10.1	531.0	950.0	-6.4	-6.4	273.9	9.9	9.9	-0.7	272.9	279.3	2.5	86.0	0.4	101.
1.5	12.1	740.4	925.0	-6.4	-6.6	267.5	9.3	9.3	0.4	273.1	279.6	2.5	96.9	0.8	97.
2.2	14.4	956.3	900.0	-7.7	-7.7	261.8	9.5	9.4	1.4	273.8	280.0	2.4	100.9	1.2	93.
2.9	16.5	1173.1	875.0	-9.2	-9.2	258.9	10.0	9.9	1.9	274.5	280.2	2.2	101.0	1.6	89.
3.6	18.8	1397.0	850.0	-9.9	-9.9	257.9	10.6	10.3	2.2	276.0	281.0	2.1	101.3	2.0	87.
4.2	21.0	1626.0	825.0	-10.9	-10.9	265.5	10.0	10.0	0.8	277.3	282.7	2.0	101.8	2.4	86.
5.0	23.4	1863.1	800.0	-11.2	-11.2	268.6	10.3	10.0	-2.6	279.7	285.2	2.0	98.4	2.8	88.
5.8	25.7	2106.8	775.0	-11.9	-12.3	266.1	12.6	12.3	-3.5	281.2	286.4	1.9	96.8	3.3	91.
6.6	28.1	2337.5	750.0	-13.6	-13.6	266.2	13.3	12.9	-3.3	282.8	287.8	1.8	94.5	4.0	93.
7.5	30.6	2615.3	725.0	-14.7	-17.0	262.6	13.4	13.1	-2.9	283.6	287.5	1.4	82.5	4.7	95.
8.3	33.2	2890.5	700.0	-15.8	-18.3	261.9	14.8	14.5	-3.1	285.2	288.9	1.3	80.6	5.3	95.
9.1	35.7	3155.4	675.0	-15.4	-18.7	261.0	17.1	16.6	-3.3	288.5	292.3	1.3	76.1	6.1	94.
9.8	38.3	3439.6	650.0	-16.9	-22.2	276.9	18.5	18.2	-2.9	290.0	292.9	1.0	63.4	6.9	97.
10.7	40.9	3732.9	625.0	-19.0	-26.2	275.5	18.9	18.0	-1.8	290.7	293.5	0.7	52.9	7.8	97.
11.5	43.7	4035.6	600.0	-21.1	-28.9	273.2	19.0	18.0	-1.1	291.7	293.5	0.6	49.4	8.7	96.
12.3	46.6	4368.2	575.0	-23.9	-31.3	271.7	19.3	19.3	-0.6	292.0	293.9	0.9	50.0	9.7	94.
13.2	49.4	4671.1	550.0	-26.6	-33.6	269.3	18.7	19.7	0.2	292.6	293.8	0.4	50.9	10.7	96.
14.1	52.4	5005.2	525.0	-29.3	-36.2	265.7	20.5	20.5	1.5	293.2	294.3	0.3	50.6	11.8	95.
15.0	55.4	5352.1	500.0	-31.8	-38.8	264.7	20.4	20.3	1.9	294.3	295.1	0.3	49.3	13.0	94.
16.0	58.5	5712.3	475.0	-35.1	-42.0	265.5	19.7	19.6	1.5	294.5	295.1	0.2	49.0	14.2	93.
17.0	61.8	6080.6	450.0	-38.4	99.9	267.6	19.8	19.8	0.8	295.0	295.9	0.9	99.9	15.3	93.
18.0	65.1	6478.7	425.0	-41.5	99.9	266.7	20.9	20.8	1.2	293.8	299.9	0.9	99.9	16.5	92.
19.2	68.6	6885.3	400.0	-44.6	99.9	263.3	22.3	22.1	2.6	297.0	299.9	0.9	99.9	18.0	92.
20.3	72.0	7314.8	375.0	-46.3	99.9	265.8	23.9	23.6	2.2	300.3	299.9	0.9	99.9	19.5	91.
21.4	75.8	7779.9	350.0	-48.0	99.9	260.1	28.9	28.5	4.9	308.0	299.9	0.9	99.9	21.3	91.
22.7	79.8	8269.3	325.0	-45.7	99.9	251.4	35.2	33.4	11.2	313.7	299.9	0.9	99.9	23.7	89.
24.0	83.8	8800.4	300.0	-47.8	99.9	247.5	40.0	37.0	15.3	318.0	299.9	0.9	99.9	26.5	87.
25.4	88.0	9372.9	275.0	-49.3	99.9	249.8	41.9	39.3	14.5	323.8	299.9	0.9	99.9	29.8	84.
27.0	92.8	9996.6	250.0	-49.7	99.9	248.4	38.5	36.7	14.5	332.2	299.9	0.9	99.9	33.5	83.
28.4	97.4	10685.5	225.0	-49.8	99.9	246.8	44.1	40.4	17.5	342.3	299.9	0.9	99.9	37.8	81.
30.3	102.6	11455.2	200.0	-50.9	99.9	248.4	48.2	44.8	17.8	352.2	299.9	0.9	99.9	42.0	80.
32.4	108.5	12326.7	175.0	-51.0	99.9	250.4	40.3	37.9	13.5	365.8	299.9	0.9	99.9	47.6	79.
34.9	114.5	13318.7	150.0	-50.3	99.9	250.4	42.3	39.9	14.2	376.6	299.9	0.9	99.9	53.3	77.
37.5	121.5	14464.7	125.0	-55.7	99.9	255.0	35.7	33.2	10.1	398.2	299.9	0.9	99.9	59.8	77.
41.4	129.3	15997.2	100.0	-58.2	99.9	264.7	32.0	31.9	2.9	415.3	299.9	0.9	99.9	67.7	77.
44.3	137.5	17762.1	75.0	-59.9	99.9	251.0	29.9	28.4	9.3	447.4	299.9	0.9	99.9	77.0	77.
49.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
315 GMT

155 16. 0

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTG GM/KG	RM PCT	RMASE KN	AZ DEG
0.0	7.2	288.0	979.6	-7.0	-13.6	300.0	7.2	6.2	-3.6	267.1	270.7	1.4	63.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	7.6	335.6	975.0	-8.3	-13.7	286.1	10.1	9.7	-2.8	267.0	270.5	1.4	65.1	0.1	48.
0.9	9.8	535.6	950.0	-10.0	-13.4	279.9	11.9	11.7	-2.0	267.2	270.9	1.4	76.1	0.6	95.
1.7	11.7	740.6	925.0	-12.1	-13.0	263.6	9.4	9.1	-2.2	267.1	271.1	1.5	92.7	1.0	98.
2.6	13.6	940.4	900.0	-14.1	-14.1	259.2	9.1	8.6	-3.0	267.2	270.9	1.4	100.4	1.4	100.
3.1	15.9	1162.7	875.0	-15.5	-14.6	252.5	10.4	9.6	-4.0	267.7	269.4	0.6	46.2	1.0	103.
4.0	18.1	1382.4	850.0	-13.9	-25.9	264.5	12.5	11.1	-5.2	271.7	273.2	0.5	35.4	2.4	106.
4.9	20.4	1609.9	825.0	-13.2	-25.8	287.3	13.0	12.4	-3.9	274.7	276.3	0.6	33.7	3.1	107.
5.8	22.6	1844.0	800.0	-13.3	-22.8	277.9	12.6	12.5	-0.3	279.2	279.2	0.8	44.3	3.8	106.
6.6	25.0	2085.7	775.0	-13.7	-23.0	268.7	13.5	13.5	0.3	281.4	281.4	0.8	45.2	4.4	104.
7.4	27.2	2315.1	750.0	-13.7	-16.9	262.4	14.7	14.5	1.9	281.8	285.6	1.4	77.1	5.0	102.
8.2	29.7	2592.4	725.0	-13.1	-16.8	256.9	14.9	14.6	3.4	283.0	287.0	1.4	87.2	5.7	99.
9.0	32.3	2857.0	700.0	-16.6	-17.6	257.2	14.7	14.3	3.3	284.3	288.2	1.4	91.8	6.4	96.
9.8	34.8	3130.0	675.0	-17.9	-18.5	257.6	14.8	14.5	3.2	285.8	289.6	1.3	95.0	7.1	95.
10.7	37.2	3411.5	650.0	-19.3	-19.9	258.0	14.6	14.3	3.0	287.1	290.6	1.2	96.6	7.8	93.
11.6	40.0	3701.9	625.0	-21.3	-21.8	263.1	15.2	15.1	1.8	288.1	291.2	1.1	96.1	8.6	92.
12.5	42.6	4002.4	600.0	-23.2	-24.0	266.2	17.0	17.0	1.1	289.4	292.1	0.9	92.6	9.5	91.
13.5	45.3	4312.8	575.0	-25.5	-27.3	264.2	18.0	17.9	1.8	290.2	292.3	0.7	84.1	10.3	91.
14.6	48.4	4634.1	550.0	-27.5	-34.8	260.4	17.9	17.6	3.0	291.5	292.6	0.4	49.3	11.7	90.
15.6	51.4	4966.8	525.0	-30.2	-39.6	256.1	18.3	17.8	4.4	292.1	292.9	0.2	38.8	12.9	89.
17.0	54.5	5312.2	500.0	-32.8	-43.5	253.9	19.7	18.9	5.5	293.0	293.5	0.2	33.3	14.4	87.
18.4	57.6	5671.4	475.0	-35.4	-48.8	254.0	20.6	19.8	5.7	294.1	294.4	0.1	23.6	15.9	86.
19.7	61.0	6053.3	450.0	-38.5	-51.6	255.7	21.2	20.6	5.2	294.7	295.0	0.1	23.6	17.5	85.
21.3	64.6	6435.7	425.0	-41.6	-59.9	255.9	22.1	21.4	5.4	295.8	299.9	99.9	99.9	19.6	84.
22.8	68.0	6844.6	400.0	-44.4	-69.9	261.3	21.7	21.4	3.3	297.2	299.9	99.9	99.9	21.6	83.
24.3	71.6	7274.3	375.0	-47.3	-69.9	261.7	22.2	22.0	3.2	299.0	299.9	99.9	99.9	23.4	83.
25.9	75.5	7727.7	350.0	-50.8	-69.9	260.4	21.9	21.6	3.6	300.3	299.9	99.9	99.9	25.6	83.
27.7	79.8	8208.3	325.0	-53.9	-69.9	253.3	24.4	23.3	7.0	302.3	299.9	99.9	99.9	28.1	83.
29.6	84.0	8719.5	300.0	-53.9	-69.9	257.4	25.9	25.3	5.7	309.4	299.9	99.9	99.9	31.2	82.
31.9	88.4	9240.3	275.0	-52.3	-69.9	250.0	30.1	29.6	5.2	319.6	299.9	99.9	99.9	35.0	81.
34.8	93.4	9808.7	250.0	-50.2	-69.9	256.0	31.4	30.7	4.6	331.4	299.9	99.9	99.9	39.5	81.
37.2	98.5	10589.2	225.0	-48.9	-69.9	251.7	35.1	33.3	11.0	343.6	299.9	99.9	99.9	45.0	80.
40.2	104.0	11361.5	200.0	-49.5	-69.9	256.8	25.5	24.6	6.7	354.2	299.9	99.9	99.9	51.0	80.
43.6	110.3	12229.4	175.0	-52.5	-69.9	255.3	34.8	33.7	8.9	363.2	299.9	99.9	99.9	56.5	79.
47.9	116.8	13227.4	150.0	-52.5	-69.9	250.8	33.6	31.7	11.0	378.7	299.9	99.9	99.9	64.2	78.
52.6	124.3	14395.2	125.0	-51.3	-69.9	257.1	31.7	30.9	7.1	393.1	299.9	99.9	99.9	73.5	78.
58.3	132.3	15807.7	100.0	-51.8	-69.9	263.9	30.3	30.1	3.2	416.1	299.9	99.9	99.9	83.3	78.
64.0	140.7	17619.1	75.0	-59.9	-69.9	257.4	21.30	19.7	8.2	447.1	299.9	99.9	99.9	94.9	78.
70.2	149.0	20130.0	50.0	-62.4	-69.9	258.1	26.00	26.0	9.5	494.5	299.9	99.9	99.9	108.0	78.
90.5	184.0	24369.3	25.0	-68.3	-69.9	257.5	27.00	26.4	9.8	588.5	299.9	99.9	99.9	131.0	78.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0.5 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
600 GMT

TIME MIN	CNT Y	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PO T DG K	E POT Y DG K	WZ RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.0	175.0	1000.4	-7.9	-19.1	320.0	0.2	5.3	-6.3	265.3	267.6	0.0	40.0	0.0	0.
0.0	0.0	176.1	1000.0	-7.9	-18.6	319.6	0.3	5.4	-6.3	265.4	267.7	0.0	40.0	0.0	0.
0.0	0.0	374.7	975.0	-9.0	-14.3	310.5	11.0	8.4	-7.2	266.2	269.6	1.3	85.5	0.3	131.
1.1	10.7	374.9	950.0	-11.5	-15.5	305.7	11.7	9.5	-6.8	265.7	268.0	1.2	71.7	0.8	129.
1.0	13.1	776.7	925.0	-13.1	-16.0	303.4	12.9	10.7	-7.1	266.1	269.2	1.2	78.5	1.3	127.
2.5	15.5	987.0	900.0	-14.7	-17.8	303.3	12.1	10.1	-6.6	266.5	269.5	1.0	77.2	1.8	126.
3.3	17.9	1200.3	875.0	-14.3	-18.3	305.2	12.1	9.9	-7.0	269.0	271.8	1.0	72.0	2.3	126.
4.0	20.4	1620.6	850.0	-13.7	-18.3	307.1	11.3	9.0	-6.8	271.9	274.1	0.8	52.8	2.8	126.
4.9	22.9	1847.3	825.0	-14.0	-22.8	310.2	10.4	8.0	-6.7	273.9	276.0	0.7	47.0	3.3	126.
5.6	25.4	1980.9	800.0	-14.3	-34.8	311.0	10.4	7.9	-6.0	275.9	276.6	0.2	15.7	3.8	127.
6.3	28.0	2121.3	775.0	-14.6	-38.7	293.1	10.3	9.5	-4.0	278.2	278.7	0.2	10.7	4.2	127.
7.1	30.6	2369.8	750.0	-14.9	-37.0	283.9	12.0	11.6	-2.9	280.4	281.1	0.2	13.1	4.7	124.
7.9	33.6	2625.7	725.0	-16.1	-37.8	285.0	13.5	13.0	-3.5	281.8	282.4	0.2	13.4	5.3	122.
8.7	36.3	2764.2	700.0	-17.5	-22.4	286.1	17.1	16.4	-4.8	283.2	285.8	0.9	65.9	6.0	120.
9.4	39.2	3161.6	675.0	-17.2	-40.6	288.1	20.1	15.1	-6.2	286.4	286.9	0.2	11.1	6.9	118.
10.4	42.8	3479.6	650.0	-17.6	-32.6	289.1	21.0	19.9	-6.9	289.1	290.3	0.4	25.5	8.0	117.
11.4	45.0	3737.1	625.0	-19.8	-30.8	287.4	20.3	19.1	-6.7	289.9	291.3	0.5	36.6	9.3	116.
12.3	48.1	4039.3	600.0	-21.0	-31.9	290.9	20.4	19.1	-7.3	291.8	293.2	0.6	36.4	10.3	115.
13.3	51.1	4353.0	575.0	-22.3	-34.7	289.7	21.9	20.7	-7.4	293.8	294.9	0.3	31.3	11.6	115.
14.3	54.4	4678.8	550.0	-23.9	-36.1	288.4	22.0	21.7	-7.2	295.8	296.8	0.3	31.2	13.0	114.
15.3	57.6	5016.9	525.0	-26.3	-35.9	259.4	25.3	23.8	-8.4	290.8	297.9	0.3	39.6	14.6	113.
16.5	61.0	5387.9	500.0	-28.0	-36.9	286.5	27.3	26.2	-7.8	297.8	298.9	0.3	45.5	16.2	113.
17.8	64.6	5712.7	475.0	-32.0	-38.7	283.5	29.7	28.6	-6.9	298.3	299.3	0.3	51.1	18.3	112.
18.9	68.0	6112.7	450.0	-34.4	-39.6	285.0	31.9	30.8	-8.3	300.0	303.9	0.3	58.7	20.4	111.
20.2	71.5	6510.0	425.0	-37.9	-43.3	286.5	37.4	35.8	-10.4	300.5	301.1	0.2	52.9	23.1	111.
21.6	75.3	6824.8	400.0	-41.5	99.9	282.4	34.5	33.7	-7.4	301.1	303.9	99.9	99.9	26.2	110.
23.0	79.5	7359.5	375.0	-44.7	99.9	282.1	35.1	34.3	-7.4	302.4	303.9	99.9	99.9	29.2	109.
24.6	83.5	7814.3	350.0	-47.6	99.9	282.2	38.4	37.5	-8.1	304.6	309.9	99.9	99.9	32.7	108.
26.2	87.7	8304.3	325.0	-50.8	99.9	281.0	37.0	36.3	-7.0	306.6	309.9	99.9	99.9	34.0	108.
27.9	92.2	8821.6	300.0	-52.5	99.9	283.4	37.8	36.7	-8.7	311.3	309.9	99.9	99.9	40.1	107.
29.9	97.0	9486.7	275.0	-50.4	91.9	282.5	34.6	33.8	-7.5	322.0	309.9	99.9	99.9	44.0	107.
31.9	101.8	10010.3	250.0	-49.2	91.9	278.6	37.3	36.9	-5.4	333.0	309.9	99.9	99.9	48.6	106.
34.2	107.3	10702.0	225.0	-49.1	99.9	281.4	36.0	35.3	-7.1	343.3	309.9	99.9	99.9	53.4	105.
36.7	112.8	11474.5	200.0	-45.9	99.9	272.4	31.5	31.5	-1.4	353.7	309.9	99.9	99.9	57.0	105.
39.6	118.8	12347.9	175.0	-49.9	99.9	274.5	38.1	38.0	-3.0	367.6	309.9	99.9	99.9	64.8	104.
42.5	125.6	13353.2	150.0	-51.8	99.9	285.1	33.8	33.7	2.9	380.0	309.9	99.9	99.9	69.7	103.
46.6	133.0	14521.8	125.0	-55.1	99.9	289.6	29.3	25.3	0.7	395.2	309.9	99.9	99.9	78.0	101.
51.1	140.3	15939.2	100.0	-56.7	99.9	274.3	24.8	21.7	-1.9	418.2	309.9	99.9	99.9	86.2	100.
57.1	147.7	17784.4	75.0	-57.9	99.9	285.3	32.0	32.0	2.7	431.8	309.9	99.9	99.9	94.9	99.
65.4	154.0	20205.9	50.0	-59.4	99.9	161.8	6.6	-2.0	6.2	503.8	309.9	99.9	99.9	163.7	98.
78.5	164.3	24000.8	25.0	-64.4	99.9	20.7	20.3	26.3	1.0	599.9	309.9	99.9	99.9	124.6	97.

0 BY SPEED MEANS ELEVATION ANGLE NOT EN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME MAY BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KA.7 FEBRUARY 1975  
515 GMT

TIME MI	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	791.0	927.6	-8.9	-11.7	220.0	4.1	2.1	3.1	270.2	274.6	1.1	80.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	12.3	813.2	925.0	-7.3	-12.1	226.6	4.9	3.7	3.3	272.1	276.4	1.6	71.0	0.1	12.0
0.4	14.5	1031.0	900.0	0.6	-12.5	344.5	11.5	3.1	-11.1	282.4	286.9	1.6	36.7	0.5	56.0
1.4	16.6	1256.7	875.0	-0.8	-17.7	238.2	14.6	12.4	7.7	283.1	286.2	1.1	26.5	0.7	123.0
2.5	19.1	1487.7	850.0	-1.7	-20.2	237.9	15.7	13.3	8.4	284.4	287.1	0.9	22.9	1.7	64.0
3.2	21.2	1724.4	825.0	-3.2	-22.8	255.8	10.5	10.2	2.6	285.4	287.5	0.7	20.2	2.2	66.0
4.0	23.7	1967.4	800.0	-4.3	-23.7	273.2	11.1	11.1	-0.6	286.7	288.6	0.7	20.3	2.7	69.0
4.9	25.9	2211.0	775.0	-5.1	-26.0	287.6	13.3	12.6	-4.0	288.4	290.2	0.6	17.4	3.3	75.0
5.8	28.4	2471.1	750.0	-7.0	-27.6	301.7	13.5	11.5	-7.1	289.0	290.6	0.5	17.5	3.9	82.0
6.7	31.0	2711.1	725.0	-9.5	-27.9	309.1	15.5	12.0	-9.8	289.1	290.7	0.5	20.6	4.4	89.0
7.4	33.6	3007.2	700.0	-10.5	-33.9	313.4	17.8	12.9	-12.2	290.9	291.6	0.3	12.6	5.0	95.0
8.3	36.0	3286.3	675.0	-11.7	-39.6	317.9	18.3	12.3	-13.6	292.6	293.2	0.2	7.7	5.8	101.0
9.3	38.8	3574.4	650.0	-13.7	-37.2	324.6	17.5	10.1	-14.3	293.5	294.3	0.2	11.6	6.7	107.0
10.4	41.3	3871.6	625.0	-15.4	-38.5	324.0	17.8	10.5	-14.4	294.8	295.5	0.2	11.8	7.6	113.0
11.5	44.1	4178.8	600.0	-17.0	-39.6	323.3	18.9	11.3	-15.1	296.5	297.2	0.2	11.9	8.7	117.0
12.5	47.1	4497.3	575.0	-18.2	-40.4	324.2	19.6	11.5	-15.9	298.7	299.3	0.2	12.0	9.7	120.0
13.7	50.1	4827.7	550.0	-20.7	-42.3	323.2	21.6	12.9	-17.3	299.5	300.0	0.2	12.3	11.1	123.0
14.6	52.8	5170.0	525.0	-23.1	-44.2	320.2	21.4	13.1	-16.5	300.4	300.9	0.1	12.6	12.2	125.0
15.8	55.8	5525.1	507.0	-25.8	-46.1	313.1	21.5	15.7	-14.7	301.5	302.0	0.1	12.8	13.7	126.0
17.0	59.0	5894.7	480.0	-28.6	-48.2	313.2	24.8	18.1	-17.0	302.6	302.9	0.1	13.1	15.3	127.0
18.2	62.3	6280.1	450.0	-31.0	-50.0	313.1	26.3	19.2	-18.0	304.2	304.5	0.1	13.3	17.2	128.0
19.6	65.7	6683.1	425.0	-34.1	-50.9	311.3	27.9	21.0	-18.4	305.3	305.9	99.9	99.9	19.5	128.0
20.9	69.1	7105.3	400.0	-36.6	-50.9	312.5	29.6	21.4	-20.0	307.5	307.9	99.9	99.9	21.7	128.0
22.3	72.6	7519.6	375.0	-39.9	-50.9	313.6	32.1	21.2	-22.1	308.8	309.9	99.9	99.9	24.2	129.0
23.7	76.3	8017.7	350.0	-43.3	-50.9	313.3	32.4	23.6	-22.2	310.3	309.9	99.9	99.9	26.9	129.0
25.3	80.3	8512.4	325.0	-46.8	-50.9	318.3	38.3	25.5	-28.6	312.2	309.9	99.9	99.9	30.4	130.0
27.1	84.3	9039.7	300.0	-49.7	-50.9	317.3	43.8	29.7	-32.2	315.3	309.9	99.9	99.9	34.6	131.0
29.0	88.4	9605.4	275.0	-52.6	-50.9	318.6	51.1	33.7	-38.5	319.1	309.9	99.9	99.9	39.9	132.0
31.0	93.0	10216.0	250.0	-54.9	-50.9	315.0	58.4	41.3	-41.3	324.5	309.9	99.9	99.9	46.7	133.0
33.5	97.8	10888.1	225.0	-56.3	-50.9	313.0	53.4	39.0	-36.4	332.2	309.9	99.9	99.9	54.7	133.0
36.0	102.8	11640.1	200.0	-54.5	-50.9	301.1	45.7	39.1	-23.6	346.5	309.9	99.9	99.9	61.6	132.0
38.9	108.5	12496.3	175.0	-55.3	-50.9	297.4	42.1	37.4	-19.4	358.7	309.9	99.9	99.9	69.5	131.0
42.3	114.5	13477.0	150.0	-55.9	-50.9	296.1	38.8	34.5	-16.9	373.7	309.9	99.9	99.9	78.6	129.0
46.0	121.3	14531.3	125.0	-59.2	-50.9	294.5	32.8	30.9	-11.0	387.8	309.9	99.9	99.9	86.5	128.0
50.8	128.7	16013.2	100.0	-63.3	-50.9	288.7	26.1	24.7	-8.4	405.4	309.9	99.9	99.9	95.7	126.0
54.5	136.7	17681.1	75.0	-66.6	-50.9	291.4	22.8	21.3	-8.3	433.3	309.9	99.9	99.9	105.1	125.0
65.0	145.0	20273.2	50.0	-59.7	-50.9	257.1	16.2	15.8	-3.6	502.9	309.9	99.9	99.9	114.8	124.0
78.4	153.7	24535.8	25.0	-65.0	-50.9	279.6	9.8	9.3	-1.6	508.1	309.9	99.9	99.9	126.5	123.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 JV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPPKA, KAN

7 FEBRUARY 1975  
600 GMT

157 27. 0

TIME MIN	CNTCT	HEIGHT FW	PRFS WA	TEMP DG C	DEW PT DG C	WIND DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	264.0	940.6	-11.7	-13.8	220.0	2.1	1.3	1.6	262.3	265.7	1.3	84.0	0.0	0.
99.9	99.9	94.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	8.1	384.6	975.0	-11.0	-15.1	257.3	7.5	7.4	1.7	264.2	267.4	1.2	71.4	0.2	43.
1.2	10.1	591.4	950.0	-8.0	-16.5	272.0	6.3	6.3	-0.2	269.2	272.2	1.1	50.7	0.4	65.
1.8	12.5	739.3	925.0	-8.6	-23.4	295.8	5.5	5.0	-2.4	270.6	272.4	0.6	29.5	0.6	79.
2.4	14.8	1010.4	900.0	-9.0	-26.0	322.8	6.8	4.1	-5.4	272.3	273.8	0.5	23.5	0.8	95.
3.4	17.0	1224.2	875.0	-9.7	-25.5	321.0	6.6	6.1	-7.5	273.8	275.3	0.5	26.1	1.1	110.
4.1	19.4	1431.7	850.0	-10.9	-24.5	315.3	12.6	8.9	-9.0	274.8	276.6	0.6	31.8	1.5	118.
4.9	21.6	1680.8	825.0	-11.2	-26.8	309.4	15.8	12.2	-10.0	276.9	278.5	0.6	28.8	2.2	122.
5.8	24.1	1916.9	800.0	-11.6	-22.9	317.3	18.6	13.5	-12.7	278.9	281.1	0.8	38.7	3.2	125.
6.8	26.5	2134.9	775.0	-12.5	-22.2	318.1	21.3	14.2	-15.8	280.5	283.1	0.9	48.3	4.3	128.
7.7	29.0	2410.5	750.0	-12.0	-38.6	316.5	21.0	14.4	-15.2	283.6	286.0	0.2	8.7	5.4	130.
8.5	31.7	2667.5	725.0	-12.9	-37.5	315.8	19.9	13.9	-14.3	285.3	288.0	0.2	10.5	6.5	131.
9.3	34.4	2936.9	700.0	-13.3	-33.7	314.7	20.6	14.6	-14.5	287.8	289.8	0.3	17.5	7.6	132.
10.4	37.0	3217.6	675.0	-15.3	-28.1	313.4	21.4	15.0	-14.7	288.5	290.2	0.6	32.5	8.8	132.
11.1	39.3	3494.5	650.0	-14.6	-31.7	312.2	22.4	16.6	-15.1	292.4	293.8	0.4	22.8	9.9	132.
12.5	42.4	3744.6	625.0	-16.4	-28.7	312.9	22.9	16.8	-15.6	293.7	295.5	0.6	33.5	11.6	132.
13.5	45.4	4100.3	600.0	-18.9	-29.8	313.2	23.8	17.3	-16.3	294.3	296.0	0.5	37.3	13.1	132.
14.4	48.4	4416.0	575.0	-21.2	-30.9	309.7	24.1	18.5	-15.4	295.2	296.8	0.5	41.2	14.8	132.
16.0	51.3	4742.6	550.0	-23.4	-33.2	310.3	24.7	18.6	-16.0	296.4	297.7	0.4	39.8	16.7	132.
17.5	54.6	5081.2	525.0	-25.7	-38.1	313.0	24.9	18.2	-17.0	297.5	298.3	0.2	27.2	18.7	132.
18.4	57.6	5433.2	500.0	-27.9	-44.7	317.9	26.3	17.6	-19.5	299.0	299.5	0.1	18.2	20.8	132.
20.2	61.0	5794.6	475.0	-30.4	-48.1	328.1	27.4	18.5	-23.2	300.3	300.6	0.1	15.3	23.1	133.
21.6	64.5	6132.4	450.0	-33.0	-48.1	329.6	30.0	15.2	-25.9	301.7	302.1	0.1	20.1	25.3	135.
23.5	68.0	6541.5	425.0	-36.2	-51.2	324.0	33.0	19.4	-26.7	302.6	302.8	0.1	19.5	28.3	136.
24.7	71.6	7000.2	400.0	-38.8	-53.4	323.0	26.8	16.1	-21.4	304.6	304.8	0.1	19.2	31.2	137.
26.4	75.5	7447.1	375.0	-42.0	99.9	328.2	30.8	16.3	-24.2	306.1	999.9	99.9	999.9	33.8	137.
28.1	79.7	7901.4	350.0	-45.8	99.9	323.1	24.9	17.9	-24.0	307.0	999.9	99.9	999.9	37.2	138.
30.0	83.8	8393.0	325.0	-49.5	99.9	323.4	34.3	22.9	-30.8	308.4	999.9	99.9	999.9	41.0	139.
32.1	88.2	8911.1	300.0	-52.8	99.9	327.1	33.0	17.9	-27.7	310.9	999.9	99.9	999.9	44.5	139.
34.1	93.0	9470.5	275.0	-55.9	99.9	324.8	36.4	21.3	-30.2	314.3	999.9	99.9	999.9	49.6	140.
36.3	97.8	10075.9	250.0	-55.8	99.9	316.6	40.4	27.7	-29.4	323.1	999.9	99.9	999.9	53.5	140.
38.8	103.0	10754.0	225.0	-53.1	99.9	304.3	34.1	28.1	-19.2	337.2	999.9	99.9	999.9	59.7	139.
41.5	108.8	11511.2	200.0	-52.4	99.9	300.4	31.7	27.3	-16.1	349.7	999.9	99.9	999.9	65.1	138.
44.7	115.0	12374.9	175.0	-53.1	99.9	292.0	40.2	37.2	-15.1	362.3	999.9	99.9	999.9	71.3	136.
48.7	121.7	13367.2	150.0	-54.0	99.9	297.4	37.0	32.8	-17.0	377.0	999.9	99.9	999.9	79.4	134.
52.7	129.0	14528.2	125.0	-56.1	99.9	287.1	29.1	27.8	-6.6	393.5	999.9	99.9	999.9	87.0	132.
57.7	137.0	15930.0	100.0	-61.2	99.9	292.3	19.5	18.0	-7.4	409.5	999.9	99.9	999.9	94.3	129.
63.9	145.3	17720.0	75.0	-61.4	99.9	266.4	19.1	19.1	1.2	444.3	999.9	99.9	999.9	101.7	128.
72.7	153.7	20243.6	50.0	-60.1	99.9	259.5	19.2	18.9	3.5	502.0	999.9	99.9	999.9	114.3	126.
99.9	99.9	94.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

# ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
515 GMT

TIME MIN	CNCTY	HEIGHT GPM	PRES MM	TEMP DG C	DLW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.4	100.0	1004.0	4.7	-3.0	094.9	99.9	99.9	99.9	277.9	285.5	2.9	55.7	99.9	999.9
0.2	5.3	100.0	1000.0	4.4	-3.4	095.9	99.9	99.9	99.9	277.9	285.7	3.0	57.1	999.9	999.9
0.3	7.9	255.7	975.0	2.6	-2.9	099.9	99.9	99.9	99.9	278.2	286.9	3.3	70.5	999.9	999.9
1.4	10.1	455.7	975.0	0.6	-2.7	099.9	99.9	99.9	99.9	278.2	287.1	3.4	81.5	999.9	999.9
2.5	12.2	675.6	975.0	-1.5	-2.4	099.9	99.9	99.9	99.9	278.2	286.9	3.3	90.1	999.9	999.9
3.5	14.3	895.0	900.0	-2.7	-4.0	099.9	99.9	99.9	99.9	279.1	287.4	3.2	90.9	999.9	999.9
4.6	16.4	1115.4	875.0	-4.5	-5.5	099.9	99.9	99.9	99.9	279.5	287.2	2.9	92.9	999.9	999.9
5.2	14.0	1345.1	850.0	-6.0	-6.7	099.9	99.9	99.9	99.9	280.2	287.5	2.7	94.7	999.9	999.9
6.0	21.1	1572.5	825.0	-7.2	-8.0	099.9	99.9	99.9	99.9	281.3	288.1	2.5	94.3	999.9	999.9
6.5	23.5	1617.1	800.0	-7.7	-8.8	099.9	99.9	99.9	99.9	283.2	289.9	2.5	91.9	999.9	999.9
7.7	25.9	2304.7	775.0	-8.0	-9.7	099.9	99.9	99.9	99.9	285.5	292.0	2.4	87.5	999.9	999.9
8.5	28.9	2541.9	750.0	-9.0	-10.7	099.9	99.9	99.9	99.9	287.0	293.3	2.2	87.4	999.9	999.9
9.6	31.1	2541.0	725.0	-10.0	-11.5	099.9	99.9	99.9	99.9	288.7	294.9	2.2	89.1	999.9	999.9
10.7	33.4	2551.6	700.0	-12.2	-13.3	099.9	99.9	99.9	99.9	289.2	294.7	2.0	91.2	999.9	999.9
11.7	36.2	3121.0	675.0	-13.9	-15.2	099.9	99.9	99.9	99.9	290.3	295.3	1.7	90.3	999.9	999.9
12.7	39.1	3413.7	650.0	-15.9	-17.7	099.9	99.9	99.9	99.9	291.1	295.4	1.5	86.1	999.9	999.9
13.3	41.7	3705.0	625.0	-17.5	-21.1	099.9	99.9	99.9	99.9	292.5	295.3	0.9	61.5	999.9	999.9
14.8	44.5	4013.1	600.0	-19.2	-25.4	099.9	99.9	99.9	99.9	294.0	296.5	0.8	57.7	999.9	999.9
16.2	47.7	4135.0	575.0	-21.2	-29.0	099.9	99.9	99.9	99.9	295.2	297.1	0.6	48.9	999.9	999.9
17.5	50.0	4655.7	550.0	-23.6	-32.0	099.9	99.9	99.9	99.9	296.0	297.5	0.5	46.0	999.9	999.9
18.3	53.7	4946.4	525.0	-26.4	-36.0	099.9	99.9	99.9	99.9	296.7	297.7	0.3	39.8	999.9	999.9
20.0	56.4	5346.4	500.0	-29.5	-38.5	099.9	99.9	99.9	99.9	297.1	297.9	0.3	40.8	999.9	999.9
21.1	60.1	5734.0	475.0	-32.8	-40.3	099.9	99.9	99.9	99.9	297.4	298.1	0.2	46.6	999.9	999.9
22.5	63.6	6015.0	450.0	-36.2	-41.0	099.9	99.9	99.9	99.9	297.7	298.5	0.2	60.8	999.9	999.9
24.2	66.9	6479.9	425.0	-39.5	-43.8	099.9	99.9	99.9	99.9	298.4	299.0	0.2	63.0	999.9	999.9
25.5	70.5	6892.6	400.0	-42.1	-47.1	099.9	99.9	99.9	99.9	300.3	299.7	99.9	99.9	999.9	999.9
27.1	74.1	7337.7	375.0	-42.5	-49.7	099.9	99.9	99.9	99.9	303.3	299.9	99.9	99.9	999.9	999.9
29.0	78.5	7740.1	350.0	-41.0	-49.7	099.9	99.9	99.9	99.9	313.5	299.9	99.9	99.9	999.9	999.9
31.0	82.5	8237.4	325.0	-43.4	-49.9	099.9	99.9	99.9	99.9	316.9	299.9	99.9	99.9	999.9	999.9
33.1	86.4	8811.3	300.0	-47.4	-49.9	099.9	99.9	99.9	99.9	318.5	299.9	99.9	99.9	999.9	999.9
35.5	91.7	9402.9	275.0	-50.2	-49.9	099.9	99.9	99.9	99.9	322.5	299.9	99.9	99.9	999.9	999.9
38.3	96.9	10075.6	250.0	-51.7	-49.9	099.9	99.9	99.9	99.9	329.2	299.9	99.9	99.9	999.9	999.9
40.4	101.6	10735.1	225.0	-54.1	-49.9	099.9	99.9	99.9	99.9	335.7	299.9	99.9	99.9	999.9	999.9
43.0	107.4	11453.4	200.0	-57.3	-49.9	099.9	99.9	99.9	99.9	342.0	299.9	99.9	99.9	999.9	999.9
46.1	113.3	12294.5	175.0	-58.4	-49.9	099.9	99.9	99.9	99.9	353.5	299.9	99.9	99.9	999.9	999.9
49.7	120.3	13257.2	150.0	-57.1	-49.9	099.9	99.9	99.9	99.9	371.8	299.9	99.9	99.9	999.9	999.9
54.0	127.3	14427.2	125.0	-54.1	-49.9	099.9	99.9	99.9	99.9	397.0	299.9	99.9	99.9	999.9	999.9
58.3	135.3	15816.6	100.0	-50.1	-49.9	099.9	99.9	99.9	99.9	411.6	299.9	99.9	99.9	999.9	999.9
64.4	143.3	17640.7	75.0	-57.1	-49.9	099.9	99.9	99.9	99.9	453.3	299.9	99.9	99.9	999.9	999.9
73.0	151.7	20150.3	50.0	-64.0	-49.9	099.9	99.9	99.9	99.9	492.8	299.9	99.9	99.9	999.9	999.9
86.3	160.1	24400.1	25.0	-65.0	-49.9	099.9	99.9	99.9	99.9	598.2	299.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE BY TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N.Y.7 FEBRUARY 1975  
515 GMT

TIME MIN	CNCT	WGT GPM	WFS MM	TEMP DG C	WIND DG C	DIR DG	SPED M/SEC	U CUM M/SEC	V CUM M/SEC	POT DG K	E POT DG K	MX QTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	91.0	996.4	-2.3	-4.6	30.0	1.5	-0.7	-1.3	271.5	278.4	2.7	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.4	258.4	975.0	-2.1	-4.9	99.9	99.9	99.9	99.9	273.4	280.4	2.7	81.2	99.9	99.9
1.3	10.1	404.4	950.0	-3.4	-5.3	99.9	99.9	99.9	99.9	274.1	281.1	2.7	86.5	99.9	99.9
2.1	12.1	475.5	925.0	-4.7	-5.8	99.9	99.9	99.9	99.9	274.9	281.9	2.7	91.9	99.9	99.9
2.9	14.2	490.7	907.0	-6.1	-6.3	240.3	10.9	10.2	-3.8	275.6	282.5	2.7	98.3	0.7	117.
3.7	16.5	1111.0	875.0	-7.3	-7.4	289.6	13.3	12.6	-4.5	276.6	283.1	2.5	98.8	1.2	114.
4.5	18.7	1335.4	850.0	-8.1	-8.6	279.2	14.8	14.6	-2.8	277.9	284.2	2.4	96.7	1.9	112.
5.4	21.3	1561.5	825.0	-8.6	-11.0	279.2	13.6	13.4	-2.2	279.7	285.1	2.0	83.2	2.7	107.
6.2	23.9	1806.4	800.0	-10.2	-11.2	281.8	10.0	9.8	-2.0	280.5	286.0	2.0	92.4	3.3	106.
7.2	26.1	2051.3	775.0	-10.4	-12.2	286.9	7.0	7.0	0.1	282.9	288.2	1.9	86.7	3.7	105.
8.3	28.6	2327.9	750.0	-12.6	-13.3	288.4	6.9	6.3	1.4	283.1	289.2	1.8	94.7	4.0	104.
8.4	31.3	2551.7	725.0	-12.7	-13.7	249.8	9.5	9.0	3.3	286.4	291.5	1.6	88.6	4.3	101.
9.4	34.0	2810.0	700.0	-12.7	-18.1	246.2	13.2	12.1	5.4	288.5	292.3	1.3	83.8	5.0	97.
10.7	36.2	3107.2	675.0	-14.0	-20.6	244.5	13.5	12.2	5.8	290.1	293.3	1.1	57.2	5.6	92.
11.7	38.3	3372.4	650.0	-16.6	-21.2	242.8	13.3	11.8	6.1	290.3	293.5	1.1	67.5	6.3	89.
12.9	40.7	3657.0	625.0	-18.8	-22.3	243.0	14.6	13.0	6.6	291.1	294.1	1.0	73.5	7.2	86.
14.1	43.0	3944.0	600.0	-20.3	-23.3	241.6	16.9	14.8	8.0	292.4	295.3	1.0	78.4	8.3	83.
15.2	45.0	4131.1	575.0	-22.3	-27.2	239.0	18.7	16.0	9.6	293.9	296.1	0.7	64.4	9.3	80.
16.3	47.3	4404.1	550.0	-24.8	-30.5	236.8	18.6	15.6	10.7	294.6	296.3	0.5	59.2	10.6	77.
17.6	49.0	4674.0	525.0	-27.5	-33.0	236.7	17.1	14.3	9.4	295.4	296.8	0.4	59.2	11.8	75.
18.9	51.1	5113.7	500.0	-30.3	-35.6	236.6	15.5	12.9	8.6	296.1	297.3	0.4	59.5	13.0	73.
20.2	53.4	5474.9	475.0	-32.5	-37.4	229.0	16.7	12.6	10.9	297.7	298.8	0.3	61.0	14.2	72.
21.6	55.3	6045.8	450.0	-35.4	-40.5	220.4	17.2	11.2	13.1	298.7	299.5	0.2	59.1	15.5	69.
23.0	57.4	6411.1	425.0	-38.9	-44.0	220.4	20.5	13.4	15.5	299.1	299.7	0.2	58.3	16.9	66.
24.4	59.3	6811.1	400.0	-42.7	-49.3	220.6	20.7	11.5	15.7	299.5	299.9	99.9	99.9	18.8	64.
26.2	61.3	7249.0	375.0	-46.9	-54.9	226.9	20.6	15.0	18.1	299.5	299.9	99.9	99.9	20.5	62.
27.8	63.0	7747.8	350.0	-51.2	-59.9	228.8	21.6	16.3	18.2	299.7	299.9	99.9	99.9	22.5	61.
29.3	64.2	8266.2	325.0	-53.1	-63.1	213.2	26.4	21.1	15.8	303.4	299.9	99.9	99.9	24.5	60.
31.1	67.5	8766.7	300.0	-50.9	-64.9	238.8	47.9	41.0	24.8	313.6	299.9	99.9	99.9	28.4	59.
33.3	69.4	9314.2	275.0	-50.4	-69.9	238.1	47.0	39.9	23.8	322.3	299.9	99.9	99.9	34.8	59.
35.5	72.0	9774.0	250.0	-51.4	-74.9	237.8	51.7	43.7	27.5	329.7	299.9	99.9	99.9	41.6	59.
37.7	74.3	10166.0	225.0	-52.8	-79.9	240.6	55.8	48.7	27.4	337.6	299.9	99.9	99.9	49.1	59.
40.6	76.3	11174.2	200.0	-53.4	-84.9	241.5	50.3	44.2	24.0	347.6	299.9	99.9	99.9	57.0	59.
43.7	78.3	12230.4	175.0	-55.0	-90.9	242.8	40.9	36.4	18.7	359.1	299.9	99.9	99.9	66.5	59.
47.3	81.0	13710.1	150.0	-57.1	-99.9	249.2	44.5	41.6	15.8	371.7	299.9	99.9	99.9	75.4	60.
51.5	82.7	14760.1	125.0	-56.1	-99.9	246.6	28.4	26.1	11.3	393.5	299.9	99.9	99.9	84.2	61.
55.9	84.7	15787.0	100.0	-57.5	-99.9	237.5	12.5	27.4	17.5	416.6	299.9	99.9	99.9	92.5	61.
61.4	85.0	17027.1	75.0	-60.5	-99.9	236.6	31.3	28.7	18.3	446.1	299.9	99.9	99.9	105.9	61.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 520  
PITTSBURGH, PA

7 FEBRUARY 1975  
015 GMT

146 28. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.3	353.0	946.1	-2.0	-6.0	200.0	5.1	5.0	0.0	274.2	280.7	2.5	74.0	0.0	0.
00.9	90.9	370.9	1000.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
00.9	90.9	370.9	975.0	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9	00.9
0.5	6.5	424.5	950.0	-3.3	-4.3	205.4	12.2	11.4	-3.2	274.2	281.8	2.0	93.0	0.3	105.
1.1	10.0	707.9	925.0	-5.2	-5.3	205.9	12.4	11.7	-3.4	274.3	281.5	2.0	99.3	0.7	105.
1.9	12.5	917.8	900.0	-6.6	-6.7	205.6	13.2	12.7	-3.6	275.1	281.8	2.6	99.3	1.3	106.
2.7	14.4	1137.2	875.0	-8.5	-8.5	205.5	14.2	13.6	-3.8	275.2	281.2	2.3	100.2	2.0	106.
3.5	16.7	1361.6	850.0	-9.9	-9.9	202.4	13.4	11.1	-2.9	276.0	281.7	2.1	100.7	2.7	106.
4.4	18.1	1531.4	825.0	-11.2	-11.2	203.5	10.9	10.4	-0.7	277.0	282.3	2.0	100.5	3.3	104.
5.3	21.0	1717.5	800.0	-11.7	-11.8	205.7	12.9	12.4	-0.5	278.9	284.2	1.9	99.3	4.0	102.
6.0	23.5	2070.3	775.0	-13.2	-13.3	202.7	11.7	11.7	-0.5	279.8	284.6	1.8	98.9	4.4	101.
6.9	25.4	2314.7	750.0	-14.2	-14.2	204.1	12.5	12.4	-0.9	281.4	286.0	1.7	94.7	5.0	101.
7.6	28.1	2576.4	725.0	-15.4	-15.5	202.5	12.4	12.4	-0.8	282.7	287.1	1.6	99.7	5.6	100.
8.7	30.5	2841.0	700.0	-16.5	-16.6	203.4	12.9	12.9	-0.8	284.3	284.5	1.5	99.2	6.4	99.
9.6	33.2	3114.0	675.0	-17.5	-17.4	205.2	14.0	14.0	-1.3	286.2	290.1	1.4	97.6	7.1	98.
10.5	35.5	3370.1	650.0	-19.0	-19.0	201.3	13.6	13.6	-0.3	287.6	291.1	1.2	95.0	7.9	98.
11.0	38.2	3637.3	625.0	-20.4	-21.1	206.5	13.8	13.7	0.8	289.3	292.6	1.1	83.5	8.7	97.
12.6	40.3	3944.4	600.0	-21.4	-22.5	202.0	14.9	14.4	2.1	291.5	294.6	1.0	90.1	9.7	96.
13.4	43.5	4102.3	575.0	-23.5	-25.6	209.3	15.7	15.4	2.9	293.5	295.0	0.8	83.2	10.7	94.
14.9	46.4	4625.0	550.0	-25.9	-28.7	204.0	15.8	15.4	3.3	293.5	295.4	0.6	76.9	11.7	93.
16.0	49.4	4973.0	525.0	-28.0	-32.5	205.5	17.2	16.7	4.3	293.8	295.3	0.5	69.9	12.8	92.
17.2	52.2	5304.3	500.0	-31.7	-35.2	204.9	17.4	16.4	4.5	294.4	295.6	0.4	70.3	13.9	90.
18.4	55.3	5643.8	475.0	-34.7	-37.2	202.8	17.0	16.2	5.0	295.0	296.0	0.3	78.2	15.2	89.
19.6	58.4	5981.9	450.0	-38.0	-40.2	200.3	17.1	16.1	5.7	295.4	296.3	0.3	80.0	16.3	88.
20.9	61.7	6434.7	425.0	-41.3	-43.9	202.4	18.2	17.4	5.5	296.1	299.9	0.2	99.9	17.5	86.
22.1	65.1	6842.8	400.0	-45.1	-49.9	204.5	18.8	18.1	5.0	296.3	299.9	0.2	99.9	19.0	86.
23.6	68.5	7270.3	375.0	-48.9	-50.9	200.4	20.4	19.2	6.8	296.9	299.9	0.2	99.9	20.6	84.
25.1	72.0	7770.2	350.0	-51.9	-54.9	200.2	20.4	19.1	6.5	298.7	299.9	0.2	99.9	22.5	83.
26.7	76.0	8159.2	325.0	-52.5	-54.9	200.2	22.3	20.9	7.5	304.2	299.9	0.2	99.9	24.3	82.
28.4	80.1	8711.8	300.0	-51.7	-54.9	200.4	28.5	26.9	9.6	312.5	299.9	0.2	99.9	26.9	81.
30.4	84.4	9413.6	275.0	-50.2	-54.9	200.6	33.2	30.7	12.1	322.5	299.9	0.2	99.9	30.7	80.
32.4	88.4	10051.6	250.0	-50.4	-54.9	203.1	36.4	32.5	16.5	331.2	299.9	0.2	99.9	34.7	78.
34	91.9	10541.6	225.0	-51.5	-54.9	202.0	47.6	37.4	19.6	339.6	299.9	0.2	99.9	39.4	76.
36	95.3	11359.6	200.0	-50.9	-54.9	207.2	41.0	37.9	15.9	352.1	299.9	0.2	99.9	45.3	75.
38.0	104.5	12224.1	175.0	-52.7	-54.9	202.7	39.7	37.9	11.8	362.9	299.9	0.2	99.9	51.4	74.
42.9	111.3	13217.8	150.0	-53.6	-54.9	209.5	40.9	38.3	14.3	377.7	299.9	0.2	99.9	58.5	74.
46.3	118.3	14311.6	125.0	-57.2	-54.9	209.4	31.9	31.4	5.6	391.4	299.9	0.2	99.9	67.0	74.
50.9	126.0	15713.6	100.0	-56.9	-54.9	201.1	30.2	29.4	4.3	417.8	299.9	0.2	99.9	75.6	75.
56.3	135.7	17417.2	75.0	-58.8	-54.9	207.3	27.1	26.4	6.6	449.7	299.9	0.2	99.9	84.1	75.
63.3	143.7	20181.1	50.0	-65.0	-54.9	204.1	27.1	26.1	7.4	490.5	299.9	0.2	99.9	95.1	76.
99.9	94.9	94.9	25.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

0 BY SPOON MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPOON MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
RUFFALO, N Y

7 FEBRUARY 1975  
521 GMT

TIME MIN	CNTCT	WGTGHT GPM	PRES MB	TEMP UG C	DEW PT UG C	DIR UG	SPED M/SEC	U CIMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	214.0	930.4	-1.7	-3.4	260.0	4.6	5.5	0.8	273.4	281.1	3.0	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	6.4	262.0	975.0	-2.4	-3.7	249.1	7.6	7.1	2.7	273.1	280.8	3.0	90.9	0.2	53.
0.9	6.4	477.7	950.0	-4.0	-4.6	247.1	9.5	8.7	3.0	273.5	281.2	3.0	100.6	0.4	70.
1.6	10.9	677.8	925.0	-5.6	-5.6	254.1	10.9	10.5	3.7	273.7	280.9	2.7	99.8	0.9	69.
2.4	12.9	872.4	900.0	-6.6	-7.4	269.0	10.6	10.6	0.2	275.0	281.4	2.4	93.8	1.4	73.
3.1	15.1	1112.0	875.0	-8.2	-8.5	279.4	10.4	10.2	-1.7	275.5	281.5	2.2	95.5	1.8	70.
3.9	17.1	1336.7	850.0	-9.5	-9.9	282.4	11.3	11.0	-2.4	276.4	282.1	2.1	97.4	2.3	84.
4.7	19.4	1566.8	825.0	-11.2	-11.4	279.1	11.7	11.6	-1.9	277.0	282.1	1.9	98.3	2.8	87.
5.5	21.5	1872.4	800.0	-12.8	-13.0	274.4	11.9	11.9	-0.9	277.7	282.4	1.8	98.7	3.4	89.
6.3	23.8	2044.2	775.0	-14.3	-14.7	269.3	14.6	14.0	0.0	278.6	282.9	1.6	96.3	4.1	80.
7.2	26.0	2232.2	750.0	-15.7	-16.2	262.7	14.8	14.7	1.9	279.7	283.7	1.4	96.0	4.8	89.
8.1	28.3	2427.4	725.0	-16.9	-17.2	257.3	14.1	13.4	3.1	281.1	284.8	1.4	97.4	5.6	87.
9.1	31.0	2611.1	700.0	-18.7	-18.9	256.5	14.9	14.5	3.5	284.2	288.3	1.4	97.9	6.4	86.
10.0	33.7	2804.1	675.0	-19.6	-19.5	257.0	16.2	15.5	3.7	285.9	289.6	1.3	91.8	7.3	85.
10.9	36.0	3065.5	650.0	-19.6	-20.8	257.0	17.0	16.6	3.8	286.9	290.1	1.1	90.5	8.2	84.
11.4	38.7	3437.0	625.0	-21.1	-22.0	254.5	16.1	15.6	4.9	288.4	291.5	1.0	93.0	9.1	83.
12.9	41.2	3757.0	600.0	-22.2	-23.4	249.9	17.1	16.3	6.0	290.5	293.3	1.0	90.4	10.1	82.
13.9	43.3	4261.4	575.0	-24.3	-26.0	250.3	18.4	17.1	6.2	291.6	294.0	0.8	85.4	11.2	81.
15.1	46.4	4831.1	550.0	-26.6	-28.5	251.1	18.8	17.4	6.1	292.6	294.6	0.7	83.6	12.5	80.
16.2	49.	5037.7	525.0	-28.9	-31.3	247.5	18.6	17.2	7.1	293.7	295.3	0.5	79.5	13.7	79.
17.4	52.4	5771.3	500.0	-31.4	-34.4	242.0	14.6	17.3	9.2	294.8	296.1	0.4	73.9	15.1	77.
18.7	55.4	5614.6	475.0	-34.2	-37.7	239.3	21.0	18.0	10.7	295.6	298.6	0.3	70.5	16.6	76.
19.9	58.0	6010.6	450.0	-37.1	-41.3	237.1	19.7	16.6	10.7	296.6	297.3	0.2	64.9	18.0	74.
21.3	62.1	6402.7	425.0	-41.1	94.9	237.4	21.0	18.2	11.6	296.5	99.9	99.9	99.9	19.4	73.
22.4	65.8	6811.9	400.0	-44.6	99.	235.8	21.1	17.5	11.9	297.1	99.9	99.9	99.9	21.2	72.
24.0	69.1	7240.7	375.0	-48.2	99.9	235.3	21.6	17.7	12.3	297.9	99.9	99.9	99.9	23.0	70.
25.5	72.9	7691.3	350.0	-52.1	99.9	238.4	14.5	16.7	10.2	298.5	99.9	99.9	99.9	24.9	69.
27.1	77.0	8106.6	325.0	-56.1	99.9	237.0	17.6	14.8	9.6	299.3	99.9	99.9	99.9	26.8	69.
28.9	81.0	8478.1	300.0	-56.3	99.9	239.9	22.5	14.4	11.3	300.0	99.9	99.9	99.9	28.4	68.
30.9	85.1	9237.0	275.0	-53.5	99.9	246.0	29.1	26.6	11.4	317.8	99.9	99.9	99.9	31.9	67.
33.1	90.0	9464.3	250.0	-52.4	99.9	240.8	32.1	28.0	15.7	328.2	99.9	99.9	99.9	36.0	67.
35.7	95.0	10526.2	225.0	-51.8	99.9	237.2	35.1	29.5	14.0	334.1	99.9	99.9	99.9	41.0	66.
38.4	100.3	11291.5	200.0	-51.7	99.9	245.5	11.0	28.2	12.8	350.9	99.9	99.9	99.9	46.8	65.
41.9	106.1	12157.3	175.0	-50.9	99.9	247.2	34.7	32.0	13.4	365.8	99.9	99.9	99.9	53.1	66.
45.5	112.3	13156.8	150.0	-52.4	99.9	253.5	30.5	29.2	8.6	379.8	99.9	99.9	99.9	59.9	66.
49.7	120.0	14321.8	125.0	-55.7	99.9	257.7	24.1	28.4	6.2	393.1	99.9	99.9	99.9	67.1	67.
54.7	128.1	15749.7	100.0	-58.1	99.9	255.3	27.9	27.0	7.1	413.6	99.9	99.9	99.9	76.8	69.
61.3	138.0	17564.0	75.0	-57.1	99.9	253.6	23.7	22.7	6.7	433.3	99.9	99.9	99.9	84.8	69.
70.0	148.3	23107.4	50.0	-62.4	99.9	244.7	20.5	26.8	9.9	496.4	99.9	99.9	99.9	102.6	70.
84.3	158.5	24366.8	25.0	-66.5	99.9	499.9	99.9	99.9	99.9	593.7	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 532  
PEORIA, ILL7 FEBRUARY 1975  
550 GMT

TIME MIN	CNTCT	HF LGHT GPM	PRES MM	TEMP DEG C	NEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T UG K	E PUT T DG K	MX PTD GM/KG	RM PCT	159		20. 0	
														RANGE KM	AZ DG	RANGE KM	AZ DG
0.0	5.5	200.0	997.0	-15.0	-18.4	270.0	3.0	1.0	0.0	257.9	260.1	0.9	76.0	0.0	0.0	0.0	
99.9	9.7	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.9	
0.6	7.1	364.0	995.0	-16.3	-18.1	284.0	6.4	6.1	-2.1	259.8	261.3	0.9	65.8	0.3	98.0	0.3	
1.2	9.4	451.0	995.0	-17.8	-18.7	300.7	8.8	7.0	-4.5	259.2	261.6	0.9	92.2	0.5	100.0	0.5	
2.0	11.6	762.6	925.0	-18.7	-19.7	310.6	8.4	6.7	-5.7	260.3	262.6	0.8	89.9	1.0	116.0	1.0	
2.9	13.0	664.9	902.0	-13.8	-23.1	298.7	8.4	7.4	-4.1	267.4	269.1	0.7	45.0	1.4	119.0	1.4	
1.6	15.7	1193.1	873.0	-11.7	-24.5	291.0	6.0	7.5	-2.9	269.6	271.3	0.6	39.3	1.8	118.0	1.8	
4.6	17.4	1407.9	830.0	-15.0	-25.5	283.1	8.2	7.9	-1.9	269.8	271.4	0.6	42.1	2.2	116.0	2.2	
5.3	20.2	1427.5	825.0	-17.0	-27.5	290.1	10.2	9.5	-3.5	270.7	272.0	0.5	39.4	2.6	114.0	2.6	
6.0	22.4	1854.1	800.0	-17.9	-24.7	296.5	12.0	10.7	-5.3	272.1	273.9	0.6	55.1	3.1	114.0	3.1	
6.9	24.8	2044.3	775.0	-18.9	-26.4	293.8	14.3	13.0	-5.7	273.5	275.2	0.6	51.6	3.8	113.0	3.8	
7.7	27.0	2314.3	750.0	-20.4	-24.3	291.5	14.6	13.7	-5.4	274.5	276.7	0.8	77.2	4.5	114.0	4.5	
9.6	29.6	2541.4	725.0	-20.1	-35.6	296.3	15.2	13.7	-6.8	277.4	278.2	0.3	23.6	5.3	114.0	5.3	
9.5	12.1	2450.7	700.0	-18.2	-34.1	302.0	17.1	14.5	-9.1	282.3	283.2	0.3	23.1	6.1	115.0	6.1	
10.3	14.8	3122.4	675.0	-18.5	-34.4	299.4	17.7	15.5	-8.7	285.0	285.9	0.3	23.1	7.0	116.0	7.0	
11.1	17.1	3431.5	650.0	-20.1	-35.7	295.9	17.4	15.6	-7.6	286.2	287.1	0.3	23.2	8.1	116.0	8.1	
12.1	40.2	3607.0	615.0	-22.0	-35.8	297.1	14.1	16.0	-8.4	287.3	288.2	0.3	27.1	9.1	116.0	9.1	
13.0	42.7	3911.8	603.0	-24.2	-31.6	294.9	18.8	17.1	-7.9	288.1	289.5	0.4	50.3	10.6	116.0	10.6	
14.7	45.3	4101.4	575.0	-26.7	-30.1	292.0	20.1	18.6	-7.5	288.8	290.4	0.5	69.6	11.9	116.0	11.9	
15.9	48.5	4620.3	550.0	-29.0	-31.4	298.2	20.7	19.8	-6.5	289.7	291.2	0.5	77.0	13.2	115.0	13.2	
16.0	51.4	4741.3	515.0	-31.7	-34.8	285.9	21.2	20.3	-5.9	290.3	291.5	0.4	76.7	14.5	114.0	14.5	
18.1	54.7	5131.3	500.0	-44.7	-37.0	282.7	21.1	21.1	-4.8	290.8	291.8	0.3	79.3	16.1	114.0	16.1	
19.5	57.7	5131.3	475.0	-37.0	-43.1	281.0	24.7	24.2	-4.7	292.2	292.8	0.2	52.5	18.0	112.0	18.0	
20.8	60.4	6022.2	450.0	-40.1	99.9	282.1	24.8	24.2	-5.2	292.6	292.9	99.9	999.9	19.9	111.0	19.9	
22.1	64.1	6407.1	425.0	-42.8	99.9	287.3	26.0	24.7	-8.0	294.2	294.9	99.9	999.9	22.2	110.0	22.2	
23.8	67.3	6514.3	400.0	-46.0	99.9	291.3	24.7	22.9	-9.2	297.8	299.9	99.9	999.9	24.6	110.0	24.6	
25.4	71.4	7248.2	375.0	-46.6	99.9	303.2	24.9	20.9	-13.6	299.9	299.9	99.9	999.9	26.8	111.0	26.8	
27.1	75.3	7704.2	350.0	-49.2	99.9	304.9	26.0	20.8	-15.6	302.4	299.9	99.9	999.9	29.3	112.0	29.3	
28.9	79.5	8187.7	325.0	-51.7	99.9	304.1	25.9	21.4	-14.6	305.5	299.9	99.9	999.9	32.1	113.0	32.1	
31.1	83.6	8703.2	300.0	-52.4	99.9	299.8	27.4	23.8	-13.6	311.5	299.9	99.9	999.9	35.6	114.0	35.6	
33.5	88.0	8244.4	275.0	-51.4	99.9	299.4	25.1	21.7	-12.5	320.7	299.9	99.9	999.9	39.6	115.0	39.6	
35.7	92.4	8672.1	250.0	-50.7	99.9	294.1	26.7	24.4	-10.9	330.8	299.9	99.9	999.9	42.8	115.0	42.8	
34.1	97.1	10576.2	225.0	-51.2	99.9	297.0	26.6	25.1	-13.0	340.1	299.9	99.9	999.9	47.3	115.0	47.3	
41.2	103.3	11341.5	200.0	-50.9	99.9	275.4	26.3	26.1	-2.6	352.2	299.9	99.9	999.9	51.4	114.0	51.4	
44.5	109.1	12204.0	175.0	-51.6	99.9	274.1	29.7	29.0	-2.1	364.7	299.9	99.9	999.9	57.3	112.0	57.3	
46.4	115.1	11205.7	150.0	-52.9	99.9	284.1	24.1	28.2	-7.2	378.9	299.9	99.9	999.9	64.2	111.0	64.2	
53.2	123.1	14374.0	125.0	-55.0	99.9	282.1	24.3	28.7	-6.2	395.5	299.9	99.9	999.9	72.1	109.0	72.1	
58.4	131.3	15744.0	100.0	-58.4	99.9	263.6	20.8	20.7	2.3	415.0	299.9	99.9	999.9	79.5	108.0	79.5	
64.3	140.3	17411.2	75.0	-57.0	99.9	264.4	24.5	24.5	0.2	433.5	299.9	99.9	999.9	89.5	108.0	89.5	
74.4	150.3	23117.4	50.0	-61.0	99.9	264.0	14.2	14.2	1.3	497.5	299.9	99.9	999.9	100.9	105.0	100.9	
91.0	161.0	24301.7	25.0	-63.8	99.9	281.5	24.7	24.7	-7.0	601.4	299.9	99.9	999.9	120.2	103.0	120.2	

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
OMAHA, NEB

7 FEBRUARY 1975  
000 GMT

TIME MIN	CMCT	HEIGHT GDM	FILES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V CC4P M/SEC	PNT 1 DG K	E PNT 1 DG K	MX RTU GM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.0	400.0	970.3	-15.0	-20.4	230.0	3.6	2.4	2.1	260.5	262.5	0.8	63.0	0.0	0.
09.2	95.3	93.4	1000.0	20.9	94.9	99.2	99.9	99.9	99.9	94.9	999.9	99.9	999.9	999.9	999.9
09.9	99.3	63.4	975.0	99.9	99.9	99.2	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	9.3	60.2	950.0	-8.7	-15.8	260.6	10.9	10.7	1.8	268.5	271.7	1.2	56.7	0.2	69.
1.1	11.3	70.9	975.0	-9.1	-18.4	262.0	9.5	9.4	1.1	270.2	272.7	0.9	45.1	0.6	75.
2.0	14.2	98.4	900.0	-10.0	-22.0	281.8	9.6	9.4	-2.0	271.3	273.4	0.7	36.8	1.0	81.
2.7	16.3	113.8	875.0	-10.4	-30.1	291.0	11.9	11.1	-4.3	273.0	274.0	0.4	18.1	1.4	90.
3.4	18.4	142.0	850.0	-10.9	-17.4	293.4	13.7	12.6	-5.4	274.8	278.0	1.1	58.9	2.0	96.
4.2	21.5	164.4	825.0	-12.6	-16.3	296.4	14.7	13.1	-6.5	275.5	279.0	1.3	73.3	2.6	101.
4.9	23.4	188.0	800.0	-13.6	-32.6	298.8	16.9	14.8	-8.1	276.7	278.0	0.5	28.8	3.2	104.
5.6	25.7	212.1	775.0	-12.1	-49.0	302.4	19.3	16.7	-10.4	280.8	281.0	0.1	2.6	3.9	107.
6.4	28.7	237.7	750.0	-12.3	-46.2	306.1	19.4	15.7	-11.5	283.2	283.4	0.1	4.0	4.8	111.
7.1	30.4	263.2	725.0	-13.5	-40.8	306.8	19.5	15.6	-11.7	284.6	285.1	0.1	7.9	5.7	113.
8.0	33.4	293.2	700.0	-15.3	-26.3	307.6	21.4	16.4	-13.1	285.6	287.5	0.6	38.5	6.7	115.
8.9	35.3	317.9	675.0	-15.7	-24.2	310.5	21.5	16.4	-14.0	288.2	290.5	0.8	47.8	7.8	117.
9.8	38.7	345.8	650.0	-17.1	-25.9	313.8	22.5	16.3	-15.6	289.6	291.6	0.7	46.3	9.0	119.
10.8	41.2	371.5	625.0	-14.0	-26.8	313.3	24.1	17.5	-16.5	291.9	294.0	0.7	45.6	10.3	121.
11.7	44.0	404.2	600.0	-19.3	-27.4	310.3	24.3	17.5	-15.7	293.8	295.9	0.7	48.3	11.7	123.
12.7	46.7	437.6	575.0	-21.3	-29.2	309.7	24.1	18.5	-15.4	295.1	296.9	0.6	48.7	13.0	123.
13.6	49.4	464.9	550.0	-23.3	-31.6	314.1	26.2	18.8	-18.3	296.4	298.1	0.5	51.0	14.7	124.
14.5	52.3	5018.5	525.0	-20.2	-33.2	315.8	26.0	18.1	-18.7	296.9	298.3	0.4	51.4	16.3	125.
15.1	55.3	5317.5	500.0	-27.9	-36.5	317.8	27.7	18.6	-20.5	299.0	300.1	0.3	43.1	18.3	127.
17.3	59.3	575.9	475.0	-30.4	-37.1	321.9	29.1	18.0	-22.9	300.3	301.4	0.3	51.7	20.3	128.
18.4	62.3	6194.3	450.0	-33.0	-39.7	323.5	32.0	19.0	-25.7	301.7	302.6	0.3	50.6	22.4	129.
19.4	65.7	6538.7	425.0	-30.2	-43.8	324.7	37.4	18.7	-26.4	302.6	303.3	0.2	44.9	25.0	131.
21.3	69.3	6968.1	400.0	-30.7	-49.9	326.2	31.0	17.2	-25.8	303.3	309.9	99.9	999.9	27.5	132.
22.8	72.4	7398.1	375.0	-32.4	-49.9	321.4	34.0	21.2	-26.5	305.0	309.9	99.9	999.9	30.7	133.
24.6	74.7	7854.5	350.0	-44.0	-49.9	325.2	31.4	17.9	-25.8	306.7	309.9	99.9	999.9	34.2	134.
25.5	80.6	8181.9	325.0	-49.0	-49.7	328.4	34.3	18.7	-28.7	308.3	309.9	99.9	999.9	37.8	136.
26.4	84.4	8405.2	300.0	-53.8	-49.9	329.0	41.4	21.4	-35.6	309.5	309.9	99.9	999.9	42.2	137.
30.6	89.0	9429.4	275.0	-56.7	-49.9	327.5	34.4	18.5	-29.0	313.1	309.9	99.9	999.9	47.2	138.
32.8	94.3	10073.2	250.0	-57.4	-49.0	317.9	39.7	26.6	-24.5	320.8	309.9	99.9	999.9	51.3	139.
34.7	98.3	10677.5	225.0	-58.4	-49.7	316.4	36.78	25.1	-26.8	332.1	309.9	99.9	999.9	57.3	138.
37.8	103.8	11467.4	200.0	-53.3	-49.9	305.6	29.39	23.8	-17.0	348.4	309.9	99.9	999.9	62.7	138.
41.1	109.4	12107.4	175.0	-53.2	-49.9	298.2	34.69	30.4	-16.4	362.2	309.9	99.9	999.9	68.4	137.
44.6	115.3	12706.3	150.0	-55.1	-49.3	292.1	29.54	27.1	-11.1	375.2	309.9	99.9	999.9	73.9	135.
48.9	121.7	14477.4	125.0	-50.9	-49.9	305.6	31.08	25.2	-18.0	393.7	309.9	99.9	999.9	82.1	133.
54.1	130.7	15876.0	100.0	-57.4	-49.4	287.7	24.89	23.7	-7.5	416.8	309.9	99.9	999.9	89.1	131.
61.1	132.3	17411.9	75.0	-50.9	-49.9	287.6	17.69	17.1	-4.1	447.3	309.9	99.9	999.9	97.8	130.
70.4	147.3	21277.1	50.0	-62.4	-49.4	297.4	12.78	11.1	-5.9	496.4	309.9	99.9	999.9	108.9	128.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0000 MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG

0000 MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0000 MEANS ELEVATION ANGLE LESS THAN A DEG

STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
000 GMT

TIME MIN	CNCT	HEIGHT GPM	P4FS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	147.0	916.4	-14.4	-20.4	270.0	1.5	-1.5	0.0	265.4	267.6	0.8	60.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	900.0	-2.8	-12.0	281.2	22.8	22.4	-4.4	278.8	283.4	1.7	99.1	0.4	117.
1.3	16.3	1212.6	875.0	-0.4	-12.8	254.1	14.5	8.4	1.6	283.6	288.2	1.6	38.3	0.9	98.
2.1	15.8	1431.7	850.0	-2.4	-13.4	241.1	14.4	14.1	-2.8	281.8	286.3	1.6	42.2	1.6	97.
3.2	21.7	1680.0	825.0	-3.7	-15.1	268.1	16.4	15.5	-5.1	284.9	289.5	1.4	40.5	2.4	100.
4.1	24.2	1922.7	800.0	-4.6	-19.4	290.2	16.3	15.3	-5.6	286.4	291.4	1.0	30.3	3.4	103.
5.1	26.0	2171.7	775.0	-6.5	-20.2	296.0	14.4	16.1	-8.3	286.9	291.6	0.9	30.9	4.3	105.
6.0	28.2	2426.8	750.0	-4.7	-22.5	302.4	21.5	18.1	-11.5	287.2	291.7	0.8	31.8	5.4	108.
7.0	30.2	2631.6	725.0	-10.0	-27.8	304.6	21.5	17.7	-12.2	288.6	292.0	0.5	21.7	6.6	111.
8.0	32.1	2836.1	700.0	-10.2	-35.8	305.4	22.2	18.1	-12.9	291.2	292.0	0.3	10.1	7.9	114.
9.1	34.0	3040.4	675.0	-12.0	-32.5	306.3	23.2	18.7	-13.7	292.3	293.4	0.4	16.3	9.4	115.
10.1	35.9	3244.7	650.0	-14.7	-24.9	307.9	23.6	18.6	-14.5	292.4	294.8	0.6	41.3	11.0	117.
11.2	37.8	3449.0	625.0	-16.0	-37.1	312.0	25.6	18.0	-17.4	294.2	295.4	0.4	24.1	12.4	118.
12.3	39.7	3653.3	600.0	-16.0	-43.6	314.2	27.7	18.5	-20.7	297.6	298.1	0.1	7.2	14.1	121.
13.5	41.6	3857.6	575.0	-18.4	-32.0	314.6	30.3	21.2	-21.6	298.5	299.7	0.5	30.1	16.0	123.
14.5	43.5	4061.9	550.0	-21.5	-35.0	314.6	31.4	22.4	-22.1	298.5	299.7	0.4	28.4	17.9	124.
15.4	45.7	4266.2	525.0	-23.6	-31.3	317.7	26.9	18.1	-19.9	300.0	301.7	0.5	49.2	20.2	125.
16.2	47.4	4470.5	500.0	-25.4	-34.2	315.4	30.2	21.0	-21.6	302.1	303.5	0.4	43.0	22.3	127.
17.5	49.1	4674.8	475.0	-26.9	-41.4	314.4	32.4	23.2	-22.7	304.6	305.3	0.2	23.8	23.0	127.
18.3	50.9	4879.1	450.0	-30.1	-37.9	314.0	31.3	20.9	-23.2	305.4	306.4	0.3	46.3	27.6	128.
19.3	52.7	5083.4	425.0	-33.7	-46.5	314.2	34.0	22.4	-25.6	306.7	307.0	0.1	24.2	30.2	129.
20.6	54.3	5287.7	400.0	-37.1	-50.1	317.1	30.6	20.8	-22.4	306.7	307.0	0.1	24.2	33.1	130.
21.4	56.1	5492.0	375.0	-40.2	-53.9	315.5	31.0	22.3	-22.7	308.4	309.4	99.9	999.9	36.0	130.
22.4	57.9	5696.3	350.0	-41.7	-59.4	316.5	34.39	23.6	-24.9	309.8	309.9	99.9	999.9	39.3	131.
23.4	59.7	5900.6	325.0	-48.1	-68.9	318.5	38.39	25.4	-28.7	310.4	309.9	99.9	999.9	43.2	131.
24.4	61.5	6104.9	300.0	-51.2	-74.9	319.7	48.48	31.4	-37.0	313.2	309.9	99.9	999.9	48.3	132.
25.4	63.3	6309.2	275.0	-53.9	-79.9	322.2	49.48	30.3	-39.0	317.2	309.9	99.9	999.9	53.6	133.
26.1	65.1	6513.5	250.0	-57.1	-89.9	320.2	53.48	34.0	-45.7	320.9	309.9	99.9	999.9	61.8	134.
27.7	66.7	6717.8	225.0	-59.0	-90.9	314.3	55.48	38.6	-40.4	328.2	309.9	99.9	999.9	69.4	135.
28.4	68.5	6922.1	200.0	-57.5	-99.9	316.0	34.19	23.7	-24.5	341.8	309.9	99.9	999.9	78.6	135.
29.4	70.3	7126.4	175.0	-55.9	-99.9	302.1	49.59	42.0	-26.3	357.6	309.9	99.9	999.9	85.6	134.
30.4	72.1	7330.7	150.0	-55.8	-99.9	305.5	44.68	36.3	-26.0	373.9	309.9	99.9	999.9	93.8	133.
31.4	73.9	7535.0	125.0	-56.7	-99.9	298.4	10.09	26.2	-14.5	388.7	309.9	99.9	999.9	103.7	132.
32.4	75.7	7739.3	100.0	-56.7	-99.9	291.3	15.79	33.2	-13.0	413.2	309.9	99.9	999.9	117.3	131.
33.4	77.5	7943.6	75.0	-60.5	-99.9	100.4	29.09	24.9	-14.9	446.2	309.9	99.9	999.9	130.2	130.
34.1	79.3	8147.9	50.0	-62.2	-99.9	300.5	14.59	12.5	-7.3	496.9	309.9	99.9	999.9	138.6	129.
35.1	81.1	8352.2	25.0	-67.4	-99.9	999.9	99.99	99.9	99.9	590.9	309.9	99.9	999.9	999.9	999.9

0 BY 90FC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY 70FC MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
515 GMT

TIME MIN	CNCTY	HEIGHT GPM	WFS MR	TEMP DG C	DEW PT DG C	DIR UG	SPED M/SFC	U CUM M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MR RTO GM/KG	RM PCT	RANGE RM	AZ DG
0.0	5.2	5.0	1001.5	-0.6	-2.3	20.0	2.1	-0.7	-2.0	272.8	281.0	3.2	88.0	0.0	0.
0.4	6.1	32.0	1000.0	-1.1	-2.1	99.9	99.9	99.9	99.9	272.4	280.7	3.1	92.4	999.9	999.
1.1	8.1	231.4	975.0	-2.2	-2.7	99.9	99.9	99.9	99.9	273.3	281.5	3.2	97.0	999.9	999.
1.9	10.3	440.5	950.0	-2.0	-4.3	99.9	99.9	99.9	99.9	275.6	283.2	2.9	84.1	999.9	999.
2.6	12.5	657.2	925.0	-3.3	-5.8	99.9	99.9	99.9	99.9	276.3	283.3	2.7	82.5	999.9	999.
3.4	15.0	844.2	900.0	-5.3	-6.7	305.0	4.3	3.5	-2.4	276.4	283.2	2.6	89.6	0.7	136.
4.1	17.1	1048.9	875.0	-7.1	-7.8	291.0	4.4	4.1	-1.6	276.7	283.1	2.4	94.9	0.9	133.
4.9	19.3	1314.3	850.0	-9.0	-9.6	274.4	5.1	5.0	-0.4	277.0	282.8	2.2	95.1	1.1	127.
5.4	21.6	1545.2	825.0	-7.6	-9.5	258.0	4.1	6.2	1.3	280.8	286.9	2.2	86.1	1.3	118.
6.4	24.1	1745.6	800.0	-8.19	-13.2	268.5	4.1	8.1	0.2	282.8	287.6	1.7	66.6	1.6	111.
7.4	26.1	2037.1	775.0	-8.78	-15.2	245.7	9.9	9.9	0.7	284.7	289.9	1.5	59.2	2.0	106.
8.4	28.1	2247.0	750.0	-9.48	-16.1	249.4	10.4	10.2	1.9	286.5	290.6	1.4	58.0	2.6	101.
9.3	31.6	2447.4	725.0	-10.4	-16.8	249.5	12.8	12.0	4.5	284.2	292.3	1.4	59.2	3.2	96.
10.3	34.3	2617.2	700.0	-12.0	-16.8	245.8	15.7	14.4	6.5	284.4	293.6	1.5	57.0	3.9	90.
11.3	36.3	2845.1	675.0	-13.1	-20.0	245.3	17.8	16.2	8.5	281.1	294.5	1.2	55.9	4.9	85.
12.2	39.1	3131.8	650.0	-14.7	-23.1	242.8	18.7	16.0	8.5	292.4	295.1	0.9	48.9	5.9	81.
13.1	41.8	3477.7	625.0	-16.7	-27.5	242.9	18.0	16.0	8.2	293.4	295.4	0.6	38.5	7.0	78.
14.1	44.4	3811.4	600.0	-18.6	-35.1	245.5	17.4	16.3	7.4	294.6	295.5	0.3	20.1	8.0	76.
15.5	47.6	4249.2	575.0	-20.9	-47.5	242.9	19.8	17.6	9.0	295.5	296.0	0.2	12.2	9.4	75.
16.6	50.3	4679.4	550.0	-23.8	-45.8	239.2	19.4	16.7	10.0	295.9	296.2	0.1	11.0	10.7	73.
17.9	53.1	5071.7	525.0	-26.8	-46.8	239.2	19.6	16.8	10.0	296.2	296.4	0.1	12.9	12.0	71.
19.0	56.1	5311.6	500.0	-29.7	-50.4	242.1	21.3	18.8	9.9	296.8	297.1	0.1	11.2	13.5	70.
20.1	59.4	5574.9	475.0	-33.2	-51.7	242.0	23.2	20.5	10.9	296.9	297.1	0.1	13.5	15.2	69.
21.4	62.6	5855.3	450.0	-36.8	-54.3	243.0	22.3	19.9	10.1	297.2	297.4	0.1	13.9	17.1	68.
23.1	65.3	6147.6	425.0	-39.8	-56.8	246.9	21.0	21.2	9.0	298.0	298.1	0.0	14.2	18.9	68.
24.7	68.6	6450.1	400.0	-43.2	-59.9	253.5	24.3	23.3	6.9	298.9	299.9	99.9	99.9	21.2	68.
26.3	72.9	6740.2	375.0	-47.0	-64.9	247.9	29.5	27.7	11.1	299.3	299.9	99.9	99.9	23.7	69.
27.4	76.4	7043.6	350.0	-50.6	-69.3	244.2	30.9	27.9	13.4	300.4	299.9	99.9	99.9	26.2	68.
29.7	80.3	7274.2	325.0	-51.6	-69.9	243.8	41.7	37.5	18.4	305.6	299.9	99.9	99.9	30.5	68.
32.2	84.7	7440.1	300.0	-50.0	-69.4	244.4	51.5	46.5	22.2	314.9	299.9	99.9	99.9	37.7	67.
34.4	88.8	7613.0	275.0	-51.3	-69.9	246.8	56.2	50.8	24.0	321.0	299.9	99.9	99.9	45.5	67.
36.9	93.4	7711.9	250.0	-52.4	-69.9	243.7	57.49	51.5	25.4	328.2	299.9	99.9	99.9	53.1	66.
39.7	98.3	7809.4	225.0	-54.2	-69.0	243.1	50.89	45.4	22.9	335.4	299.9	99.9	99.9	62.3	66.
42.4	103.2	7907.7	200.0	-55.7	-69.4	245.1	50.49	46.0	20.6	344.6	299.9	99.9	99.9	71.9	66.
45.8	109.3	8007.3	175.0	-57.7	-69.9	250.3	40.89	38.4	13.7	354.8	299.9	99.9	99.9	80.5	66.
49.7	115.3	8117.2	150.0	-57.8	-69.9	255.1	32.89	31.7	8.6	370.5	299.9	99.9	99.9	90.8	67.
54.4	121.7	8242.0	125.0	-55.1	-69.7	239.0	15.09	28.3	20.6	374.8	299.9	99.9	99.9	99.9	68.
59.9	129.3	8370.1	100.0	-54.1	-69.7	243.4	43.19	38.6	19.3	423.2	299.9	99.9	99.9	112.1	66.
66.7	138.7	8507.2	75.0	-50.4	-69.9	260.1	30.99	30.4	5.3	448.4	299.9	99.9	99.9	127.0	66.
75.4	146.7	8644.9	50.0	-63.1	-69.9	242.9	20.79	18.5	9.4	494.8	299.9	99.9	99.9	143.8	66.
91.3	156.3	8830.0	25.0	-63.2	-69.9	246.3	30.09	29.2	7.1	603.4	299.9	99.9	99.9	171.2	67.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TIME MEANS TEMPERATURE (OR TIME HAVE BEEN INTERPOLATED)  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH7 FEBRUARY 1975  
615 GMT

130 65. 0

TIME MIN	CNCT	WPGAT GPA	PRES MM	TEMP UG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T UG K	E POT T DG K	MR RTD GM/KG	RM PCY	RANGE KM	AZ DG
0.0	5.8	236.0	101.4	-8.0	-12.2	290.0	7.2	6.8	-2.5	265.7	269.7	1.5	77.0	0.0	0.
00.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	..	33.2	99.9	-9.9	-13.7	294.1	13.2	12.0	-5.4	265.4	268.9	1.4	73.6	0.2	105.
0.4	..	33.2	99.9	-11.5	-12.5	294.4	13.2	11.5	-6.4	265.7	269.6	1.5	90.0	0.5	109.
1.5	10.7	79.9	99.9	-12.4	-15.7	304.4	13.2	10.3	-8.2	266.8	270.0	1.2	76.4	1.0	118.
2.2	12.9	91.5	99.9	-14.4	-15.7	311.0	11.4	8.9	-7.7	266.9	273.1	1.2	89.3	1.5	122.
2.4	15.2	112.4	99.9	-16.1	-17.7	311.1	11.4	8.2	-7.9	267.0	269.4	1.1	88.3	1.9	124.
3.4	17.1	133.4	99.9	-18.1	-19.0	317.2	10.4	7.1	-7.4	267.3	269.9	1.0	93.0	2.4	126.
4.2	19.5	154.7	99.9	-20.2	-22.5	309.5	10.1	7.8	-6.4	267.3	269.4	0.8	84.2	2.8	128.
4.4	21.7	174.7	99.9	-20.4	-22.5	292.0	11.1	10.3	-4.2	269.4	270.6	0.4	44.0	3.2	127.
5.6	24.1	201.0	99.9	-19.6	-22.7	264.1	12.7	12.1	-3.9	272.7	273.6	0.3	30.0	3.7	124.
6.3	26.5	227.4	99.9	-18.7	-22.0	260.9	11.4	13.2	-2.5	270.8	277.9	0.3	28.6	4.3	122.
7.1	29.0	254.5	99.9	-17.7	-31.7	270.5	13.3	13.3	-0.1	279.9	281.0	0.4	28.4	4.8	118.
7.4	31.8	274.0	99.9	-14.1	-32.1	260.4	14.2	15.0	2.4	282.2	283.3	0.4	28.4	5.5	114.
8.4	34.2	301.8	99.9	-14.7	-26.4	254.0	15.1	15.2	4.4	283.7	285.5	0.6	53.0	6.0	110.
9.6	36.7	331.8	99.9	-20.4	-25.7	254.0	17.7	17.0	4.9	285.9	288.1	0.8	65.5	6.7	106.
10.1	39.4	361.2	99.9	-22.1	-26.4	256.1	19.6	19.0	4.7	287.2	289.3	0.7	6.4	7.6	102.
11.4	42.0	391.3	99.9	-24.1	-26.4	258.0	19.6	19.1	4.1	288.3	290.4	0.7	77.0	8.6	99.
12.5	45.0	421.3	99.9	-26.1	-29.5	264.9	18.5	16.4	1.7	289.5	291.2	0.6	72.6	9.8	96.
13.3	48.3	451.3	99.9	-31.4	-31.4	264.9	18.5	16.5	0.3	290.6	292.2	0.5	73.4	10.9	96.
14.5	51.4	481.3	99.9	-30.7	-35.3	264.9	17.5	17.4	1.6	291.5	292.7	0.4	63.7	12.0	95.
15.6	54.4	511.3	99.9	-36.7	-36.7	264.9	16.8	16.1	4.0	292.9	293.9	0.3	69.8	13.0	95.
16.7	57.9	541.3	99.9	-35.0	-36.7	253.1	16.0	15.9	4.8	293.6	294.4	0.3	69.9	14.1	92.
18.0	60.1	571.3	99.9	-39.1	-39.1	257.1	18.4	17.9	4.1	294.0	294.6	0.2	60.4	15.4	91.
19.1	63.7	601.3	99.9	-43.0	-43.0	257.1	20.1	19.4	5.3	295.3	295.9	99.9	99.9	16.8	89.
20.9	67.1	631.3	99.9	-47.0	-47.0	255.0	22.5	21.8	5.8	296.4	296.9	99.9	99.9	18.8	88.
22.5	70.7	661.3	99.9	-49.1	-49.1	254.5	22.5	21.4	6.1	297.2	297.9	99.9	99.9	21.0	87.
24.1	74.3	691.3	99.9	-51.1	-51.1	252.4	21.0	20.1	6.4	299.9	299.9	99.9	99.9	23.3	85.
26.1	78.7	721.3	99.9	-54.4	-54.4	247.7	14.3	13.3	5.4	301.6	299.9	99.9	99.9	25.7	84.
28.2	83.1	751.3	99.9	-57.7	-57.7	254.2	35.4	34.7	6.6	304.1	299.9	99.9	99.9	26.9	83.
30.1	87.3	781.3	99.9	-56.0	-56.0	258.4	22.3	21.4	4.5	310.1	299.9	99.9	99.9	30.9	82.
32.3	91.4	811.3	99.9	-52.7	-52.7	261.1	26.6	26.1	4.1	327.7	299.9	99.9	99.9	34.6	82.
34.1	95.8	841.3	99.9	-51.1	-51.1	257.9	26.3	25.7	5.5	340.2	299.9	99.9	99.9	39.4	82.
36.1	99.9	871.3	99.9	-49.9	-49.9	260.4	24.1	23.8	3.9	353.8	299.9	99.9	99.9	44.8	82.
38.4	102.7	901.3	99.9	-49.9	-49.9	250.9	24.1	24.5	9.5	368.0	299.9	99.9	99.9	50.4	81.
40.1	106.1	931.3	99.9	-52.1	-52.1	265.4	24.1	24.5	2.1	379.8	299.9	99.9	99.9	59.4	81.
42.2	110.7	961.3	99.9	-54.4	-54.4	265.4	21.4	21.5	4.1	390.9	299.9	99.9	99.9	69.5	82.
44.7	115.3	991.3	99.9	-56.3	-56.3	266.9	22.2	22.2	1.2	419.0	299.9	99.9	99.9	80.1	82.
46.9	120.1	1021.3	99.9	-57.7	-57.7	274.6	17.1	16.9	-2.8	451.9	299.9	99.9	99.9	95.7	82.
49.2	124.5	1051.3	99.9	-59.9	-59.9	274.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	128.5	1081.3	99.9	-64.9	-64.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 645  
 GREEN BAY, WIS

 7 FEBRUARY 1975  
 515 GMT

TIME MIN	ENTCY	WET-MT GPM	PRES MM-HG	TEMP DEG C	DEW PT DEG C	Q/W DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.7	210.0	999.9	-17.5	-23.1	270.0	7.7	7.7	0.0	250.1	257.8	0.6	62.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	7.2	912.4	975.0	-10.0	-22.5	298.3	14.5	12.8	-6.9	257.1	258.8	0.6	67.2	0.3	109.
1.1	10.1	907.7	950.0	-10.1	-21.6	294.7	11.0	10.1	-5.7	261.0	262.9	0.7	62.4	0.9	115.
2.0	12.1	704.9	920.0	-15.4	-21.7	110.2	9.8	7.5	-6.3	263.6	265.6	0.7	58.2	1.3	117.
2.7	14.7	916.1	900.0	-15.1	-25.3	117.5	10.3	6.9	-7.6	266.1	267.6	0.5	41.2	1.8	123.
3.3	16.5	1124.5	875.0	-16.6	-27.2	120.5	10.4	6.6	-8.1	266.6	267.9	0.5	39.3	2.2	126.
4.2	18.7	1147.0	900.0	-18.4	-27.3	113.4	11.1	7.2	-8.4	266.9	268.2	0.5	45.3	2.7	129.
5.0	20.3	1547.7	875.0	-20.2	-26.4	110.3	12.5	9.5	-8.1	267.4	268.8	0.5	56.9	3.2	129.
5.8	23.1	1745.2	900.0	-21.4	-30.3	111.5	15.2	11.4	-10.1	268.4	269.5	0.4	44.3	3.9	130.
6.5	25.9	2144.4	775.0	-22.6	-30.8	110.3	15.1	11.4	-9.9	269.5	270.2	0.2	29.1	4.3	130.
7.1	27.9	2204.3	725.0	-22.9	-42.3	104.2	14.7	11.4	-9.3	271.7	272.1	0.1	14.8	5.3	130.
8.3	30.3	2517.4	725.0	-23.6	-48.7	110.7	15.3	11.6	-10.0	273.6	273.9	0.1	12.3	6.1	130.
9.2	33.3	2775.4	700.0	-23.6	-48.4	109.5	17.1	13.2	-10.9	276.4	276.7	0.1	12.6	7.0	130.
10.7	35.0	3017.4	675.0	-23.7	-48.1	107.1	18.7	15.0	-11.3	279.7	279.9	0.1	8.2	8.1	130.
11.1	34.0	3184.2	650.0	-22.4	-49.2	106.9	20.0	16.0	-1.0	283.6	283.8	0.1	6.6	9.1	129.
12.0	40.3	3604.7	625.0	-22.4	-49.2	107.4	21.4	17.0	-13.0	286.8	287.0	0.1	6.6	10.3	129.
13.0	43.3	3933.6	600.0	-24.0	-50.2	107.4	21.4	16.0	-13.6	288.3	288.5	0.1	6.8	11.5	129.
14.1	46.7	4213.4	575.0	-26.3	-49.6	113.3	21.3	15.5	-14.6	289.1	289.4	0.1	10.0	12.9	129.
15.1	49.1	4512.4	550.0	-28.8	-50.3	104.7	19.7	15.1	-12.6	289.8	290.1	0.1	10.5	14.2	130.
16.3	51.9	4804.4	525.0	-31.0	-49.8	104.9	19.0	13.6	-10.9	291.1	291.4	0.1	17.2	15.4	130.
17.6	54.7	5207.1	500.0	-31.4	-49.3	107.6	17.4	15.6	-8.2	291.8	292.1	0.1	19.8	16.7	129.
18.7	57.4	5502.4	475.0	-36.7	-57.2	293.1	20.1	16.7	-8.0	292.5	292.8	0.1	22.9	18.1	128.
19.3	61.1	5917.0	450.0	-40.0	-57.3	297.0	19.1	17.0	-8.7	292.9	293.9	99.9	99.9	19.6	127.
21.1	64.4	6315.3	425.0	-42.7	-59.1	295.5	21.0	18.9	-9.0	294.4	295.9	99.9	99.9	21.2	126.
22.7	67.7	6711.3	400.0	-46.3	-59.9	295.4	21.5	19.4	-9.4	294.9	295.9	99.9	99.9	22.9	125.
24.1	71.0	7157.1	375.0	-49.3	-59.1	294.2	21.1	18.4	-10.3	296.4	299.9	99.9	99.9	24.7	125.
25.4	74.2	7676.8	350.0	-51.5	-59.1	294.5	21.6	22.6	-6.7	299.3	299.9	99.9	99.9	26.7	124.
27.4	78.7	8048.6	325.0	-54.7	-59.1	294.5	21.9	21.9	-1.2	301.2	299.9	99.9	99.9	29.1	122.
29.4	82.5	8507.3	300.0	-54.7	-59.1	294.5	21.5	21.4	-2.4	302.9	299.9	99.9	99.9	31.4	119.
31.5	86.5	9142.5	275.0	-54.7	-59.1	294.5	22.6	22.2	-6.5	315.7	299.9	99.9	99.9	33.9	118.
33.4	91.7	9744.0	250.0	-54.7	-59.1	294.5	23.2	22.0	-7.4	326.7	299.9	99.9	99.9	36.9	117.
34.7	94.7	10414.7	225.0	-54.7	-59.1	294.5	22.0	21.0	-6.7	330.8	299.9	99.9	99.9	40.4	116.
38.9	100.7	11207.0	200.0	-54.7	-59.1	294.5	21.5	21.3	-2.4	352.5	299.9	99.9	99.9	43.7	115.
42.1	106.3	12074.3	175.0	-54.7	-59.1	294.5	20.6	20.5	-2.1	362.9	299.9	99.9	99.9	47.8	113.
45.0	112.0	13071.4	150.0	-54.7	-59.1	294.5	25.1	24.4	-5.6	378.6	299.9	99.9	99.9	52.6	112.
49.0	118.3	14251.4	125.0	-54.7	-59.1	294.5	26.7	26.5	-3.7	398.3	299.9	99.9	99.9	58.8	111.
54.4	126.0	15443.9	100.0	-54.7	-59.1	294.5	18.3	16.3	0.2	422.7	299.9	99.9	99.9	65.0	110.
61.0	134.5	17504.4	75.0	-54.7	-59.1	294.5	20.0	20.8	0.7	450.8	299.9	99.9	99.9	72.9	108.
69.0	143.1	20040.0	50.0	-60.7	-59.1	294.5	21.1	22.4	-6.7	500.6	299.9	99.9	99.9	83.7	107.
81.7	157.0	28276.0	25.0	-63.0	-59.1	105.7	20.0	16.2	-11.7	603.6	299.9	99.9	99.9	95.5	107.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 634  
MUN. S D7 FEBRUARY 1975  
515 GMT

TIME MIN	CMCT	HEIGHT GPM	PHES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.0	142.0	946.8	-10.9	-20.5	150.0	1.6	0.0	250.8	250.2	0.5	61.0	0.0	0.
0.9	9.9	51.9	1000.0	9.9	9.7	25.9	9.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	10.1	520.1	935.0	-13.7	-10.1	271.4	17.1	17.2	261.4	265.6	0.9	62.5	0.2	14.
1.1	12.6	720.1	925.0	-12.0	-10.8	268.2	9.6	9.6	267.1	269.7	1.0	58.5	0.6	72.
1.9	15.2	917.5	905.0	-12.9	-12.9	268.9	6.5	6.0	269.4	270.1	0.9	56.1	0.9	71.
2.5	17.2	1152.2	875.0	-11.1	-13.3	258.6	9.7	9.5	270.1	271.9	0.7	42.9	1.2	72.
3.2	19.7	1371.1	850.0	-12.4	-12.4	271.4	12.1	12.1	273.1	273.2	0.6	1.0	1.7	76.
3.8	22.1	1601.1	825.0	-12.5	-12.5	277.9	12.6	12.4	275.4	275.4	0.0	1.0	2.1	81.
4.4	24.7	1815.6	800.0	-13.4	-13.4	288.9	18.0	13.6	276.8	276.9	0.0	1.0	2.6	84.
5.1	27.1	2077.1	775.0	-13.4	-13.4	293.1	15.8	14.5	279.4	279.4	0.0	1.0	3.1	89.
5.9	29.7	2326.6	750.0	-13.6	-13.6	298.6	20.1	18.3	281.8	283.6	0.6	33.5	3.9	94.
6.6	32.3	2548.6	725.0	-13.6	-13.6	298.6	20.7	17.8	285.4	285.4	1.0	66.1	4.7	98.
7.4	35.1	2767.6	700.0	-10.5	-21.4	101.1	20.7	17.7	285.4	287.2	1.1	65.6	5.7	102.
8.4	37.5	3127.9	675.0	-12.9	-20.1	103.2	22.9	19.1	285.4	289.1	1.1	83.0	6.8	106.
9.2	40.3	3407.1	650.0	-10.2	-20.3	103.4	28.3	20.3	287.3	289.3	0.7	54.3	8.0	108.
10.2	43.1	3618.2	625.0	-14.3	-20.6	103.9	25.3	21.0	290.4	292.7	0.8	57.5	9.3	111.
11.0	45.9	3839.1	600.0	-20.4	-20.6	109.5	25.0	19.6	292.6	295.0	0.8	62.8	10.5	112.
11.9	48.4	4111.1	575.0	-22.3	-20.9	112.9	27.3	20.0	293.9	296.2	0.7	68.1	11.8	115.
12.9	52.4	4610.9	550.0	-24.1	-30.4	109.5	29.3	22.9	295.5	297.2	0.5	55.7	13.5	117.
13.9	55.4	4978.6	525.0	-27.2	-32.6	109.0	27.6	21.5	295.8	297.2	0.5	59.5	15.1	118.
14.8	58.3	5378.6	500.0	-27.0	-33.1	113.4	24.3	20.6	298.2	299.7	0.5	64.9	16.7	119.
16.0	62.0	5670.9	475.0	-30.7	-34.3	113.8	13.5	26.2	300.0	301.4	0.4	66.0	18.7	121.
17.1	65.4	6071.1	450.0	-31.5	-34.7	113.7	16.7	26.4	302.0	302.0	0.3	53.5	21.0	122.
18.3	68.9	6471.9	425.0	-30.4	-33.0	116.9	16.7	26.4	302.3	302.3	0.2	50.2	23.7	124.
19.7	72.1	6839.0	400.0	-40.0	-39.9	116.6	31.9	23.3	302.9	302.9	99.9	99.9	28.7	125.
21.1	76.2	7324.1	375.0	-43.7	-39.9	116.8	36.8	26.1	303.8	303.8	99.9	99.9	29.5	126.
22.7	80.3	7786.0	350.0	-47.4	-39.9	115.8	37.0	25.8	304.9	304.9	99.9	99.9	33.0	127.
24.3	84.2	8272.9	325.0	-50.5	-39.9	115.5	41.9	29.4	307.1	307.1	99.9	99.9	36.4	128.
26.0	88.3	8745.0	300.0	-54.0	-39.9	115.7	46.1	12.2	309.3	309.3	99.9	99.9	40.9	129.
27.8	93.0	9141.2	275.0	-58.5	-39.9	110.4	44.0	29.3	310.5	310.5	99.9	99.9	45.7	130.
29.7	97.9	9435.5	250.0	-60.2	-39.9	120.2	50.7	32.1	316.6	316.6	99.9	99.9	50.6	131.
31.4	102.3	9740.4	225.0	-58.4	-39.9	112.1	18.6	29.4	320.1	320.1	99.9	99.9	55.3	131.
33.1	106.9	10040.7	200.0	-55.2	-39.9	111.3	48.6	36.4	325.4	325.4	99.9	99.9	60.0	131.
34.9	110.3	10290.4	175.0	-51.5	-39.9	108.5	26.7	29.5	326.5	326.5	99.9	99.9	64.9	131.
36.7	120.1	11191.0	150.0	-51.9	-39.9	110.3	25.0	19.5	328.8	328.8	99.9	99.9	73.0	131.
38.7	127.3	11616.7	125.0	-55.8	-39.9	298.2	30.3	26.4	333.9	333.9	99.9	99.9	79.5	130.
40.5	135.4	12770.1	100.0	-58.5	-39.9	295.0	26.7	26.2	415.8	415.8	99.9	99.9	87.2	129.
42.4	143.3	13541.2	75.0	-54.5	-39.9	104.7	21.0	18.9	420.2	420.2	99.9	99.9	94.2	129.
43.6	152.7	23114.2	50.0	-61.9	-39.9	292.0	15.8	15.5	497.7	497.7	99.9	99.9	105.8	128.
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TIME MEANS TEMPERATURE ON TIME MEANS WHEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 655  
ST CLAUD, MINN7 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GMM	PRES MM	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U CLIP M/SEC	V COMP M/SEC	POT T DEG A	E POT T DEG K	MR RTO GN/KG	RM PCT	RANGE KM	AZ DEG
00	0.1	314.0	976.6	-21.5	-25.5	240.0	3.1	99.4	1.5	253.4	254.7	0.5	70.0	0.0	0.
01	09.4	92.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02	0.1	323.1	975.0	-23.9	-27.8	275.0	6.3	6.3	-0.3	254.1	255.4	0.6	77.1	0.1	10.
03	6.5	521.8	950.0	-1.5	-17.6	280.4	12.4	11.2	-3.5	259.6	262.2	1.0	99.3	0.4	85.
04	10.9	721.5	925.0	-11.4	-18.2	287.4	10.1	9.7	-3.0	261.1	261.4	1.0	97.6	0.6	97.
05	13.1	926.1	900.0	-16.7	-19.5	286.7	10.4	10.5	-3.1	262.4	264.8	0.6	93.4	1.2	101.
06	15.3	1137.3	875.0	-16.8	-24.3	283.4	10.6	10.1	-2.5	266.4	268.1	0.6	55.1	1.8	102.
07	17.5	1355.0	850.0	-16.6	-30.1	281.3	10.5	10.3	-2.1	268.8	269.9	0.4	29.7	2.3	102.
08	19.3	1574.3	825.0	-16.6	-29.4	280.4	11.0	10.7	-2.8	271.1	272.3	0.4	30.5	2.6	102.
09	22.1	1410.9	800.0	-15.8	-29.8	280.4	9.3	8.8	-2.9	274.4	275.5	0.4	28.6	3.3	103.
10	24.5	2057.5	775.0	-15.7	-28.9	280.3	11.4	10.4	-3.6	277.0	278.3	0.4	31.0	3.7	104.
11	26.6	2247.5	750.0	-15.1	-29.6	280.1	13.1	12.8	-3.0	278.1	279.4	0.4	32.5	4.3	104.
12	29.2	2402.9	725.0	-19.0	-30.7	281.4	14.4	14.1	-2.9	278.7	279.9	0.4	34.4	5.0	104.
13	31.8	2511.0	700.0	-21.1	-32.2	281.8	14.1	15.0	-3.3	279.2	280.2	0.4	35.7	5.7	103.
14	34.3	3074.6	675.0	-22.7	-33.1	281.7	16.8	16.5	-3.4	280.3	281.3	0.3	37.7	6.5	103.
15	36.3	3354.4	650.0	-25.2	-32.1	282.4	17.8	17.4	-3.6	280.5	281.7	0.4	52.5	7.5	103.
16	39.7	3611.3	625.0	-27.0	-30.8	280.9	20.0	19.1	-5.0	281.6	283.0	0.5	69.6	8.5	103.
17	42.1	3911.1	600.0	-27.9	-28.8	285.6	21.1	19.7	-9.1	283.8	285.6	0.6	91.9	9.7	104.
18	45.1	4217.1	575.0	-26.6	-30.0	302.6	22.6	19.0	-12.2	286.7	288.4	0.5	86.2	10.9	104.
19	48.2	4557.4	550.0	-24.5	-31.1	299.5	24.0	20.9	-11.8	289.2	290.7	0.5	85.6	12.2	108.
20	51.0	4447.1	525.0	-30.8	-32.2	295.4	25.5	23.0	-11.1	291.4	292.8	0.5	82.5	13.7	109.
21	54.1	5231.7	500.0	-33.4	-36.9	299.7	27.6	25.1	-11.6	292.3	293.5	0.4	86.1	15.6	109.
22	57.1	5593.2	475.0	-35.6	-38.1	301.1	29.6	25.3	-15.4	293.9	294.9	0.3	77.4	17.8	110.
23	60.6	4000.4	450.0	-37.8	-31.4	306.6	31.0	25.5	17.6	295.7	296.4	0.2	68.9	19.9	112.
24	64.1	4356.1	425.0	-40.4	99.9	309.4	34.8	26.7	-22.3	297.4	299.9	99.9	99.9	22.4	114.
25	67.5	4767.2	400.0	-43.7	99.9	311.1	37.8	28.5	-24.9	298.7	299.9	99.9	99.9	25.4	116.
26	71.3	5147.6	375.0	-47.1	99.9	314.8	41.1	29.1	-28.9	299.0	299.9	99.9	99.9	28.4	117.
27	75.3	5651.5	350.0	-50.0	99.9	318.0	43.2	28.4	-32.1	301.4	299.9	99.9	99.9	32.1	120.
28	79.2	6112.4	325.0	-53.0	99.9	319.2	46.7	30.3	-35.1	307.6	299.9	99.9	99.9	36.8	122.
29	83.1	6605.5	300.0	-55.7	99.9	316.2	49.4	34.2	-35.7	306.8	299.9	99.9	99.9	41.9	124.
30	87.9	7196.8	275.0	-59.2	99.9	318.1	44.0	31.4	-35.8	311.0	299.9	99.9	99.9	47.5	126.
31	92.5	7745.7	250.0	-62.5	99.9	311.0	43.1	32.5	-38.3	320.6	299.9	99.9	99.9	53.3	127.
32	97.5	10409.6	225.0	-62.5	99.9	308.0	41.2	32.5	-38.3	320.6	299.9	99.9	99.9	53.3	127.
33	102.4	11237.5	200.0	-51.5	99.9	299.5	31.0	29.5	-16.7	331.2	297.7	99.9	99.9	63.2	127.
34	109.3	12101.4	175.0	-52.0	99.9	303.0	31.0	28.2	-10.3	331.1	299.9	99.9	99.9	69.5	126.
35	115.6	11047.2	150.0	-52.1	99.9	297.0	21.0	18.7	-9.5	336.3	299.9	99.9	99.9	74.9	126.
36	123.3	14273.6	125.0	-54.7	99.9	290.5	24.3	22.7	-8.5	336.0	299.9	99.9	99.9	80.9	125.
37	131.7	15647.8	100.0	-57.7	99.9	285.9	25.9	23.0	-13.1	416.3	299.9	99.9	99.9	87.1	124.
38	141.0	17454.0	75.0	-57.5	99.9	242.1	24.9	23.1	-9.5	422.4	299.9	99.9	99.9	94.1	124.
39	151.3	20071.0	50.0	-60.3	99.9	307.2	34.4	27.2	-17.6	501.4	299.9	99.9	99.9	105.5	123.
40	161.4	24303.6	25.0	-64.0	99.9	313.2	10.9	7.4	-7.6	600.9	299.9	99.9	99.9	119.5	124.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 662  
RAPID CITY, S D  
7 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTD CM/KG	RH PCT	RANGE KM	AZ DG
00	12.9	900.0	899.8	8.0	-24.6	320.0	1.5	1.0	-1.1	290.2	299.9	3.5	47.0	0.0	0.
01	09.9	900.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	09.9	900.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	09.9	900.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	09.9	900.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	09.9	900.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	09.9	900.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	09.9	900.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08	09.9	900.0	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09	09.9	900.0	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	09.9	900.0	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11	09.9	900.0	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12	09.9	900.0	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13	09.9	900.0	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14	09.9	900.0	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15	09.9	900.0	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16	09.9	900.0	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17	09.9	900.0	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18	09.9	900.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19	09.9	900.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20	09.9	900.0	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21	09.9	900.0	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22	09.9	900.0	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23	09.9	900.0	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24	09.9	900.0	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25	09.9	900.0	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26	09.9	900.0	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27	09.9	900.0	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28	09.9	900.0	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29	09.9	900.0	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	09.9	900.0	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31	09.9	900.0	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	09.9	900.0	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33	09.9	900.0	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34	09.9	900.0	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35	09.9	900.0	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36	09.9	900.0	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37	09.9	900.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	09.9	900.0	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	09.9	900.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	09.9	900.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
540 GMT

TIME MIN	CNTCT	WEIGHT GEM	PHYS MU	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	180.0	944.1	-1.9	-8.6	340.0	4.1	1.4	-3.3	271.6	276.8	2.0	60.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	7.9	373.9	975.0	-3.4	-5.9	340.4	7.3	2.4	-6.9	272.0	278.5	2.5	82.7	0.3	165.
1.8	10.3	574.6	950.0	-5.6	-8.3	333.1	8.3	3.8	-7.4	271.9	278.3	2.5	94.3	0.7	168.
2.6	11.9	747.3	925.0	-7.3	-10.3	324.6	8.8	5.1	-7.2	271.9	278.0	2.3	99.9	1.1	158.
3.3	14.1	1000.1	900.0	-9.3	-12.1	312.1	8.0	6.0	-5.4	272.2	277.6	2.1	99.7	1.5	152.
4.1	16.2	1217.4	875.0	-10.7	-14.8	306.4	9.7	7.8	-5.0	272.9	278.0	1.9	99.5	1.9	146.
5.1	18.5	1441.1	850.0	-9.0	-13.3	314.5	9.1	8.5	-6.4	272.0	282.9	2.2	97.7	2.0	143.
6.1	20.7	1673.1	825.0	-7.4	-10.8	295.8	9.2	8.3	-4.0	281.0	287.0	2.2	83.2	2.9	140.
7.2	22.9	1912.3	800.0	-7.2	-10.9	294.0	12.5	11.4	-5.1	283.7	289.5	2.1	74.8	3.5	135.
8.1	25.3	2160.6	775.0	-7.5	-12.1	285.9	13.8	13.2	-3.8	286.0	291.5	2.0	69.7	4.3	131.
9.2	27.6	2415.3	750.0	-9.1	-14.2	286.6	15.0	14.4	-4.3	286.9	291.6	1.7	66.2	5.2	126.
10.3	30.1	2676.7	725.0	-10.9	-16.1	284.4	15.2	14.3	-5.0	287.7	291.3	1.2	54.3	6.1	123.
11.4	32.6	2946.0	700.0	-12.0	-18.3	291.9	17.2	16.0	-6.4	289.3	291.6	0.8	36.7	7.1	121.
12.5	35.2	3233.5	675.0	-13.3	-20.2	291.4	18.7	17.4	-6.8	290.8	292.3	0.5	24.6	8.3	120.
13.5	37.8	3510.2	650.0	-14.4	-31.7	288.7	20.5	19.5	-6.6	292.7	294.0	0.4	21.2	9.5	119.
14.6	40.3	3786.5	625.0	-16.1	-33.5	286.7	21.2	20.3	-6.1	296.0	295.2	0.4	20.6	11.1	117.
15.1	43.0	4112.9	600.0	-17.8	-34.4	286.4	23.6	22.4	-7.4	295.5	296.6	0.3	20.7	12.7	116.
16.1	45.9	4410.4	575.0	-19.1	-35.9	289.1	23.4	22.1	-7.7	297.6	298.6	0.3	21.6	14.5	115.
17.1	48.9	4760.4	550.0	-20.7	-36.8	290.3	24.4	22.9	-8.5	299.6	300.5	0.3	21.8	16.4	114.
18.6	51.7	5133.7	525.0	-22.4	-38.1	291.1	27.1	26.2	-7.0	301.5	302.3	0.2	21.9	18.4	113.
20.0	54.9	5450.9	500.0	-25.1	-40.5	294.1	29.7	28.4	-7.1	302.4	303.2	0.2	22.1	20.6	112.
21.2	57.9	5810.0	475.0	-28.0	-42.9	292.2	29.2	28.5	-6.2	303.3	304.0	0.2	22.3	23.0	112.
22.6	61.3	6216.1	450.0	-31.0	-45.4	277.8	35.0	34.7	-4.7	304.2	304.7	0.1	22.5	25.8	111.
25.8	65.7	6671.2	425.0	-31.7	-46.0	272.3	41.4	41.4	-1.6	308.4	308.9	0.1	22.5	29.5	108.
27.5	69.2	7048.0	400.0	-34.3	-47.7	266.4	43.8	43.7	4.9	310.3	310.8	0.1	23.4	33.5	106.
29.2	71.7	7496.1	375.0	-34.0	-51.1	263.5	43.2	42.9	4.9	311.2	311.5	0.1	23.7	38.0	103.
30.9	75.3	7968.2	350.0	-40.8	-49.9	257.7	41.2	41.2	10.2	313.8	313.8	99.9	99.9	42.0	101.
32.4	80.3	8471.2	325.0	-42.2	-49.9	259.4	54.3	54.3	10.9	318.6	318.6	99.9	99.9	49.2	98.
35.0	84.2	9009.7	300.0	-45.2	-49.9	257.4	64.6	64.6	15.2	321.7	321.7	99.9	99.9	56.0	95.
37.2	88.5	9580.1	275.0	-49.3	-49.9	249.9	51.6	48.4	17.7	325.3	325.3	99.9	99.9	63.0	93.
39.4	93.6	10209.7	250.0	-51.7	-49.9	259.9	44.9	41.6	14.9	324.3	324.3	99.9	99.9	70.7	91.
42.4	98.3	10811.4	225.0	-52.4	-49.9	258.1	67.5	65.1	13.7	330.3	330.3	99.9	99.9	86.1	89.
45.2	103.3	11652.5	200.0	-52.9	-49.9	257.8	44.0	43.1	9.3	343.0	343.0	99.9	99.9	94.3	88.
48.6	110.6	12512.6	175.0	-53.5	-49.9	250.9	38.7	36.5	12.8	361.7	361.7	99.9	99.9	102.4	87.
52.1	117.3	13445.1	150.0	-57.8	-49.9	260.0	39.9	39.3	6.9	370.5	370.5	99.9	99.9	110.0	86.
56.5	125.3	14640.1	125.0	-58.7	-49.9	258.8	37.4	36.7	7.3	388.6	388.6	99.9	99.9	118.7	85.
61.6	136.0	16032.4	100.0	-61.2	-49.9	263.7	31.7	31.5	3.5	409.5	409.5	99.9	99.9	129.3	85.
67.9	142.7	17419.5	75.0	-60.3	-49.9	254.5	35.3	34.0	9.4	448.4	448.4	99.9	99.9	140.7	85.
76.6	153.0	20311.3	50.0	-63.4	-49.9	266.0	33.9	33.6	2.4	494.0	494.0	99.9	99.9	156.8	84.
89.6	163.7	24530.3	25.0	-63.1	-49.9	260.2	23.4	23.0	4.0	603.8	603.8	99.9	99.9	180.6	84.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

7 February 1975

1200 GMT

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 20H  
CHARLESTON, SC

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WFLIGHT GFM	PRES MS	TEMP DG C	DEW PT DG C	DIN DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	13.0	1011.9	4.4	-0.4	300.0	4.1	3.6	-2.0	277.1	286.6	3.7	71.0	0.0	0.
0.3	5.7	109.5	1000.0	4.0	-0.1	999.0	49.9	99.9	99.9	277.6	287.4	3.8	74.9	999.9	999.
0.9	7.7	114.9	975.0	2.5	-1.5	999.0	99.9	99.9	99.9	278.1	287.2	3.5	74.7	999.9	999.
1.7	9.9	576.5	950.0	1.8	-2.6	999.0	99.9	99.9	99.9	279.4	288.1	3.3	72.3	999.9	999.
2.3	11.8	740.0	925.0	1.9	-2.1	350.5	10.1	1.7	-10.0	281.7	290.9	3.5	73.6	1.5	146.
3.1	14.1	960.6	900.0	0.7	-2.5	330.7	7.4	3.6	-6.5	282.6	292.0	3.5	79.1	1.8	150.
3.9	16.1	1168.2	875.0	3.4	-10.4	298.5	12.9	11.3	-6.2	287.5	292.8	1.9	34.1	2.2	165.
4.7	18.5	1423.5	850.0	3.5	-14.4	288.0	14.1	13.3	-4.5	290.0	294.2	1.4	24.7	2.8	136.
5.5	20.7	1655.1	825.0	2.3	-18.6	285.2	13.9	13.4	-3.6	291.2	294.4	1.1	19.6	3.4	132.
6.3	23.0	1912.7	800.0	0.5	-21.0	278.3	14.1	13.9	-2.2	291.8	294.5	0.9	18.0	4.0	128.
7.1	25.3	2147.0	775.0	-0.7	-24.3	269.1	15.7	15.7	0.3	293.2	295.3	0.7	14.7	4.7	123.
8.0	27.7	2428.5	750.0	-1.3	-26.6	264.4	17.1	17.1	1.7	295.3	297.1	0.6	12.4	5.4	117.
9.0	30.2	2697.4	725.0	-3.5	-28.2	264.4	19.0	18.9	1.9	295.7	297.3	0.5	12.6	6.2	112.
9.9	32.3	2973.6	700.0	-5.6	-29.8	264.6	20.3	20.2	1.9	296.3	297.7	0.5	12.7	7.2	108.
10.8	35.5	3237.5	675.0	-8.1	-31.6	263.5	21.9	21.8	2.5	296.6	297.9	0.4	12.9	8.3	105.
11.7	38.0	3549.4	650.0	-9.7	-32.5	264.7	23.0	22.9	2.1	296.0	299.2	0.4	13.1	9.5	102.
12.7	40.7	3851.6	625.0	-10.5	-33.4	262.4	25.2	24.9	3.3	300.5	301.7	0.4	13.1	10.9	100.
13.7	43.5	4166.1	600.0	-10.2	-33.2	260.9	30.4	30.0	4.8	304.4	305.6	0.4	13.1	12.5	97.
14.7	46.5	4492.7	575.0	-12.1	-34.6	249.3	33.7	33.1	6.3	305.0	307.0	0.3	13.3	14.3	95.
15.8	49.5	4811.4	550.0	-13.2	-35.4	258.1	41.0	40.2	8.5	308.4	309.5	0.3	13.4	16.6	93.
17.0	52.4	5136.2	525.0	-13.7	-32.8	254.7	47.6	45.9	12.6	312.0	313.6	0.5	18.0	19.8	90.
18.1	55.9	5556.0	500.0	-15.4	-31.9	252.4	50.4	48.0	15.3	314.2	316.0	0.5	22.8	22.9	88.
19.4	58.8	5940.8	475.0	-18.3	-30.4	247.7	49.2	45.6	18.6	315.3	317.4	0.6	33.7	26.7	85.
20.6	62.3	6322.6	450.0	-20.9	-34.4	248.1	52.1	48.3	19.4	317.0	318.5	0.5	28.3	30.5	83.
22.2	65.8	6752.4	425.0	-23.6	-37.1	248.1	53.7	44.8	20.0	318.7	320.0	0.4	27.4	35.1	81.
23.8	69.3	7202.8	400.0	-26.4	-41.7	244.8	52.3	47.4	22.3	320.6	321.5	0.2	22.0	40.1	79.
25.7	73.0	7655.4	375.0	-30.3	-44.9	243.3	58.7	52.5	26.4	321.4	322.1	0.2	22.3	46.1	77.
27.7	77.0	8132.1	350.0	-34.3	-48.6	241.2	51.9	45.5	25.0	322.5	322.9	0.1	21.6	52.6	75.
29.5	81.3	8605.5	325.0	-38.7	-52.1	242.5	56.8	50.2	26.1	323.3	323.7	0.1	22.3	58.8	73.
31.7	85.3	9093.7	300.0	-43.8	-59.4	243.5	56.8	50.8	25.3	323.7	323.7	99.9	99.9	66.3	71.
34.2	89.8	9787.1	275.0	-49.0	-64.4	243.2	55.5	47.6	25.0	324.3	324.3	99.9	99.9	74.1	72.
36.9	95.0	10407.0	250.0	-53.2	-69.3	247.8	54.0	54.0	22.3	327.1	327.1	99.9	99.9	82.3	71.
39.8	100.0	11378.5	225.0	-58.0	-74.9	248.1	41.0	38.0	15.3	329.7	329.7	99.9	99.9	91.3	71.
42.7	105.5	11925.3	200.0	-52.4	-69.9	249.9	99.9	99.9	99.9	349.8	349.8	99.9	99.9	999.9	999.
46.4	111.5	12444.1	175.0	-56.1	-64.4	249.9	99.9	99.9	99.9	357.4	357.4	99.9	99.9	999.9	999.
50.3	114.0	14652.1	150.0	-59.8	-69.9	249.9	99.9	99.9	99.9	367.0	367.0	99.9	99.9	999.9	999.
54.5	125.5	14782.9	125.0	-64.2	-69.9	249.9	99.9	99.9	99.9	378.8	378.8	99.9	99.9	999.9	999.
60.3	134.0	16142.7	100.0	-65.5	-69.9	249.9	99.9	99.9	99.9	401.1	401.1	99.9	99.9	999.9	999.
67.1	142.3	17447.2	75.0	-64.6	-69.9	249.9	99.9	99.9	99.9	437.6	437.6	99.9	99.9	999.9	999.
76.5	151.5	20377.2	50.0	-61.1	-69.9	249.9	99.9	99.9	99.9	499.6	499.6	99.9	99.9	999.9	999.
90.3	161.3	24678.1	25.0	-60.4	-69.9	249.9	99.9	99.9	99.9	611.5	611.5	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 PV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 411  
TAMPA, FLA

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	HRLS MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GN/KG	RM PCY	RANGE KM	AZ DEG
0.0	5.0	8.0	1014.3	14.4	12.1	330.0	6.2	3.1	-5.4	287.5	310.1	8.8	86.0	0.0	0.0
0.4	6.1	128.2	1000.0	14.0	11.8	323.5	12.9	7.7	-10.4	288.3	310.8	8.8	86.9	0.3	137.0
1.2	8.2	341.4	975.0	12.0	10.8	320.4	12.6	6.0	-9.7	288.3	310.8	8.8	92.5	0.7	141.0
2.0	10.4	518.4	950.0	10.1	9.5	313.4	11.5	6.3	-7.9	288.4	309.1	8.0	97.3	1.3	136.0
2.7	12.0	780.4	925.0	8.7	8.4	299.6	9.1	7.9	-4.5	289.1	308.7	7.5	97.9	1.6	136.0
3.6	14.4	1037.7	900.0	10.1	3.6	267.4	8.6	8.6	0.4	282.7	307.6	5.5	64.1	2.2	131.0
4.4	17.1	1242.3	875.0	10.6	-10.3	268.1	11.2	11.1	0.8	295.0	308.8	2.0	21.9	2.5	122.0
5.2	19.5	1431.2	850.0	9.5	-2.9	268.2	14.8	14.7	0.5	296.6	306.9	3.6	41.6	3.1	116.0
6.1	21.7	1731.0	825.0	10.3	-23.2	268.6	17.9	17.9	0.4	299.6	301.9	0.7	7.6	3.9	110.0
6.9	24.1	1946.3	800.0	9.1	-19.4	268.0	19.1	19.1	0.3	301.0	304.2	1.0	11.3	4.8	106.0
7.9	26.5	2248.6	775.0	7.9	-21.1	261.1	19.2	19.0	2.9	302.4	305.3	0.9	10.7	5.8	102.0
8.9	29.0	2517.6	750.0	6.2	-23.8	257.1	21.7	21.2	4.8	303.3	305.7	0.7	9.5	6.9	98.0
9.7	31.6	2794.6	725.0	4.5	-10.3	260.3	24.6	24.2	4.1	304.7	311.9	2.4	33.3	7.9	95.0
10.5	34.1	3079.3	700.0	2.7	-23.6	263.5	25.3	25.2	2.9	305.6	308.2	0.8	12.2	9.3	93.0
11.5	36.6	3372.7	675.0	0.9	-23.3	263.6	25.4	25.3	2.4	306.8	309.5	0.9	14.3	10.7	92.0
12.4	39.1	3674.4	650.0	-1.3	-23.2	260.4	26.5	26.2	4.4	307.6	310.4	0.9	16.9	12.1	91.0
13.4	42.0	3945.7	625.0	-3.3	-21.4	252.1	27.6	26.2	6.5	308.8	312.2	1.1	22.2	13.6	89.0
14.4	44.3	4107.2	600.0	-5.6	-17.1	249.2	28.2	27.3	10.4	309.9	315.1	1.7	39.8	15.2	87.0
15.5	47.1	4640.1	575.0	-8.4	-16.0	250.2	30.1	28.5	10.3	312.4	312.6	0.0	1.0	17.2	85.0
16.6	50.6	4946.2	550.0	-9.0	-14.4	251.6	30.7	29.5	8.7	313.4	313.9	0.1	3.9	19.1	84.0
17.8	53.5	5145.0	525.0	-10.4	-12.5	253.4	32.4	31.4	7.9	315.9	316.1	0.0	1.0	21.4	83.0
19.1	56.6	5719.5	500.0	-12.4	-10.4	253.7	33.2	31.9	9.2	317.9	318.0	0.0	1.0	23.8	82.0
20.5	60.0	6107.0	475.0	-15.2	-9.6	253.1	34.2	34.7	10.6	319.1	319.2	0.0	1.0	26.8	81.0
21.7	63.3	6515.2	450.0	-18.5	-8.7	252.1	36.2	34.5	11.0	319.9	320.0	0.0	1.0	29.4	80.0
23.2	66.6	6913.8	425.0	-21.9	-6.1	257.5	35.3	33.7	10.6	320.9	320.9	0.0	1.0	32.5	80.0
24.6	70.1	7311.2	400.0	-25.8	-5.2	259.4	37.1	36.0	9.1	321.4	321.6	0.1	4.4	35.4	79.0
26.1	73.7	7845.5	375.0	-29.8	-39.7	260.3	39.3	38.6	6.6	322.1	323.2	0.3	37.4	39.8	79.0
27.7	77.5	8333.2	350.0	-33.4	-47.2	262.8	40.5	40.2	5.1	323.6	324.2	0.2	24.1	43.0	79.0
29.4	81.3	8893.9	325.0	-36.9	-56.4	268.4	43.5	43.5	1.2	325.8	326.0	0.1	10.5	47.1	80.0
31.1	85.4	9349.5	300.0	-41.0	-64.9	268.7	49.9	49.8	1.1	327.6	327.6	99.9	99.9	51.5	81.0
33.2	89.4	9888.4	275.0	-45.9	-69.9	999.9	99.9	99.9	99.9	328.7	328.7	99.9	99.9	999.9	99.9
35.5	94.4	10617.1	250.0	-50.9	-74.9	999.9	99.9	99.9	99.9	330.3	330.3	99.9	99.9	999.9	99.9
37.5	99.2	11211.0	225.0	-55.6	-79.9	999.9	99.9	99.9	99.9	333.4	333.4	99.9	99.9	999.9	99.9
40.3	104.2	12050.4	200.0	-57.7	-84.9	999.9	99.9	99.9	99.9	337.8	337.8	99.9	99.9	999.9	99.9
43.6	109.8	12892.4	175.0	-57.8	-89.9	999.9	99.9	99.9	99.9	343.5	343.5	99.9	99.9	999.9	99.9
47.4	115.4	13861.3	150.0	-62.2	-94.9	999.9	99.9	99.9	99.9	353.0	353.0	99.9	99.9	999.9	99.9
51.5	121.4	14976.4	125.0	-67.2	-99.9	999.9	99.9	99.9	99.9	373.4	373.4	99.9	99.9	999.9	99.9
56.7	128.8	16306.9	100.0	-71.1	-99.9	999.9	99.9	99.9	99.9	390.4	390.4	99.9	99.9	999.9	99.9
63.0	136.3	17937.6	75.0	-74.0	-99.9	999.9	99.9	99.9	99.9	417.7	417.7	99.9	99.9	999.9	99.9
72.1	143.0	24374.5	50.0	-64.1	-99.9	999.9	99.9	99.9	99.9	427.4	427.4	99.9	99.9	999.9	99.9
88.6	149.8	26772.9	25.0	-58.3	-99.9	999.9	99.9	99.9	99.9	617.5	617.5	99.9	99.9	999.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WGTGHT GPM	INCHES MR	TEMP DG C	DIR WY DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0-0	3-3	44-0	1010-4	3-8	0-1	320-0	2-6	1-7	-2-0	276-6	286-5	3-8	77-0	0-0	0-
0-3	4-6	124-3	1000-0	3-7	0-2	321-9	9-1	5-0	-7-2	277-3	287-4	3-9	78-1	0-3	147-
1-1	6-4	173-3	975-0	1-6	-1-5	323-0	10-4	6-2	-8-3	277-2	286-3	3-9	79-6	0-6	143-
1-8	8-1	222-1	950-0	-0-1	-1-4	319-2	11-4	7-5	-8-7	277-5	286-9	3-6	91-3	1-1	143-
2-6	10-1	274-5	925-0	-0-1	-7-0	320-8	10-3	6-5	-8-0	279-6	285-9	2-4	99-0	1-6	142-
3-6	12-2	327-2	900-0	4-5	-14-6	295-5	12-0	11-6	-5-5	286-3	290-2	1-4	23-6	2-2	139-
4-3	14-1	376-4	875-0	5-0	-18-6	247-8	12-7	12-1	-3-7	289-1	292-1	1-0	16-8	2-8	133-
5-2	16-1	442-0	850-0	3-8	-21-1	284-7	9-4	9-0	-7-4	290-3	292-7	0-8	13-8	3-3	128-
6-1	18-2	514-7	825-0	4-1	-23-4	274-8	10-0	9-9	-1-7	292-0	294-1	0-7	12-1	3-8	125-
6-6	20-3	591-2	800-0	1-8	-25-4	276-4	12-6	12-5	-1-4	293-1	295-0	0-6	11-1	4-3	121-
7-8	22-4	678-4	775-0	0-7	-28-3	280-9	12-2	11-9	-2-3	294-6	296-1	0-5	9-8	4-9	118-
8-8	24-5	750-0	750-0	-1-0	-24-0	282-3	12-4	12-1	-2-6	295-5	297-0	0-5	9-7	5-5	116-
9-8	26-7	821-9	725-0	-3-1	-30-8	279-4	14-3	14-1	-2-3	296-1	297-3	0-4	9-6	6-3	115-
10-8	29-1	908-4	700-0	-5-2	-30-6	275-2	16-3	16-2	-1-5	296-8	298-1	0-4	11-4	7-1	113-
11-6	31-3	991-4	675-0	-6-1	-31-0	267-8	20-3	20-2	0-8	298-8	300-2	0-4	11-8	8-1	110-
12-7	34-3	1076-0	650-0	-6-8	-31-7	262-0	26-8	26-6	3-7	301-3	302-7	0-4	11-6	9-4	108-
13-8	36-3	1162-5	625-0	-6-5	-31-9	259-4	34-5	33-9	6-4	305-1	306-5	0-4	11-1	11-4	105-
15-0	38-9	1251-1	600-0	-6-9	-28-9	257-6	37-5	36-6	8-1	308-2	310-1	0-6	15-3	13-8	97-
16-1	41-3	1332-3	575-0	-8-7	-24-1	255-7	39-3	38-1	9-7	309-9	312-9	0-9	27-5	18-3	94-
17-3	44-1	1415-4	550-0	-10-3	-25-1	253-3	40-7	39-0	11-7	312-0	314-9	0-9	28-2	18-9	91-
18-6	46-9	1502-2	525-0	-12-8	-24-8	253-6	44-3	42-5	12-5	313-1	316-3	1-0	35-6	21-9	89-
19-7	49-3	1587-9	500-0	-14-7	-27-6	253-2	44-5	42-8	12-9	315-1	317-7	0-8	32-4	25-0	87-
21-0	52-6	1674-4	475-0	-17-4	-30-9	252-4	48-0	43-8	13-9	316-4	318-5	0-6	29-7	28-5	85-
22-4	55-7	1761-9	450-0	-20-7	-35-4	250-5	44-8	42-2	15-0	317-2	318-6	0-4	25-3	32-0	83-
23-8	58-4	1848-6	425-0	-23-9	-38-4	253-0	44-6	42-6	13-0	318-3	319-5	0-3	24-8	35-6	82-
25-3	62-1	1931-1	400-0	-27-7	-42-6	254-7	47-59	45-9	12-5	318-9	319-7	0-2	22-5	39-5	81-
27-0	65-6	2012-3	375-0	-30-9	-46-3	252-4	54-00	51-6	16-4	320-7	321-2	0-2	19-7	44-9	81-
28-8	68-2	2093-0	350-0	-34-7	-48-9	252-8	51-20	48-9	15-2	321-9	322-3	0-1	21-9	50-2	80-
30-1	72-8	2178-6	325-0	-39-4	-52-9	251-0	48-90	46-2	15-9	322-3	322-6	0-1	21-9	54-7	79-
32-6	77-0	2262-6	300-0	-44-4	-59-9	253-4	53-90	51-7	15-4	322-7	322-9	99-9	99-9	62-2	78-
34-8	81-7	2347-1	275-0	-48-7	-60-0	256-3	49-20	47-3	11-7	324-6	324-9	99-9	99-9	68-6	78-
37-0	85-6	2431-1	250-0	-53-0	-60-0	254-3	56-50	56-3	15-9	327-2	327-5	99-9	99-9	76-5	78-
39-7	90-5	2516-6	225-0	-54-8	-60-0	253-8	58-70	56-4	16-4	334-6	334-9	99-9	99-9	85-2	77-
42-5	95-7	2600-6	200-0	-54-4	-60-0	254-4	62-00	59-8	16-4	346-6	346-9	99-9	99-9	95-4	77-
45-3	101-3	2683-5	175-0	-55-7	-60-0	249-0	61-80	58-0	26-1	358-0	358-9	99-9	99-9	108-4	76-
48-1	108-0	2766-0	150-0	-60-2	-60-0	255-4	60-500	58-6	15-3	366-3	366-9	99-9	99-9	122-5	76-
51-5	115-1	2848-7	125-0	-65-0	-60-0	253-2	54-050	52-2	15-7	377-4	377-9	99-9	99-9	133-5	75-
54-7	124-0	2931-6	100-0	-68-0	-60-0	260-7	27-900	27-4	0-1	386-3	386-9	99-9	99-9	149-8	76-
58-9	134-0	3014-9	75-0	-64-1	-60-0	254-9	43-700	43-0	7-6	428-0	428-9	99-9	99-9	168-0	76-
63-6	145-5	3106-5	50-0	-63-7	-60-0	256-5	33-100	32-2	7-8	493-5	493-9	99-9	99-9	178-0	76-
68-9	68-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 220  
APALACHICOLA, FLA  
7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HFIGHT GPM	PRFS WH	TEMP DG C	DNW BT DG C	DIR DG	SPLN M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG CM/SEC	RN PCT	RANGE KM	AZ DG
0.0	3.1	11.0	1017.5	2.7	-0.2	335.0	5.1	2.2	-4.6	275.0	284.4	3.7	81.0	0.0	0.
0.5	4.3	151.5	1000.0	2.2	-0.7	318.8	7.4	5.2	-6.0	275.0	285.2	3.6	80.9	0.2	129.
1.0	6.5	353.6	975.0	0.5	-1.0	329.5	10.0	5.1	-8.0	276.1	285.1	3.5	85.7	0.6	139.
2.3	8.6	563.7	950.0	-0.9	-1.3	328.9	10.6	5.5	-9.1	276.8	285.8	3.5	92.9	1.2	143.
3.1	10.7	778.0	925.0	3.0	-5.4	305.7	10.5	8.5	-6.1	282.7	290.1	2.8	54.9	1.7	143.
3.7	12.8	1005.6	900.0	4.8	-10.3	292.4	10.1	9.3	-3.8	288.7	292.1	1.9	32.7	2.1	139.
4.6	15.1	1210.7	875.0	5.9	-10.5	293.1	6.7	8.0	-3.4	290.1	295.7	2.0	29.6	2.5	133.
5.5	17.3	1467.5	850.0	5.2	-12.1	289.4	10.2	9.6	-3.4	291.8	296.9	1.8	27.2	3.0	129.
6.4	19.3	1710.5	825.0	3.7	-14.0	287.4	13.1	12.5	-3.9	297.8	297.3	1.6	25.9	3.7	125.
7.6	21.6	1960.2	800.0	3.4	-15.8	284.5	14.1	13.6	-3.5	294.9	299.0	1.4	22.0	4.5	122.
8.6	24.1	2217.1	775.0	2.1	-16.3	279.0	13.6	13.6	-2.1	296.3	300.4	1.4	24.1	5.3	119.
9.6	26.1	2461.1	750.0	0.7	-17.5	287.7	17.4	17.3	0.7	297.5	301.4	1.3	24.0	6.1	116.
10.7	28.9	2733.1	725.0	1.1	-18.0	294.5	23.1	22.3	6.2	300.8	304.7	1.3	22.4	7.2	116.
11.7	31.3	3035.4	700.0	1.0	-17.0	292.3	27.2	25.9	8.2	303.8	308.2	1.4	24.6	8.5	103.
12.4	34.1	3127.1	675.0	0.1	-15.8	293.5	30.6	29.4	8.7	305.9	311.0	1.7	29.1	10.2	97.
13.9	36.6	3623.3	650.0	-2.2	-16.5	293.1	31.8	30.4	9.3	306.7	311.6	1.6	32.3	12.2	93.
14.9	39.3	3734.7	625.0	-4.0	-17.2	290.9	35.6	30.6	11.2	309.3	314.5	1.7	37.7	14.0	81.
16.1	42.0	4258.1	600.0	-6.0	-17.2	289.4	38.6	30.6	11.2	309.3	314.5	1.6	42.5	16.4	85.
17.3	44.3	4590.9	575.0	-7.6	-18.1	291.3	32.1	30.4	10.3	311.3	316.3	1.6	42.5	18.4	85.
18.4	47.9	4934.1	550.0	-9.0	-20.1	292.1	38.0	36.1	11.7	313.6	318.1	1.4	39.8	21.0	84.
19.7	50.7	5294.9	525.0	-11.2	-22.5	289.9	37.4	35.1	12.6	315.1	318.9	1.2	38.4	23.8	82.
21.1	53.4	5657.4	500.0	-14.0	-25.1	290.5	38.2	36.0	12.8	316.0	319.3	1.0	38.4	26.7	81.
22.5	56.4	6055.7	475.0	-14.9	-29.0	290.6	38.2	36.1	12.7	317.1	319.5	0.7	33.8	29.9	80.
24.2	60.1	6459.0	450.0	-14.5	-32.7	289.4	41.0	38.5	14.1	318.7	320.5	0.5	29.8	33.5	79.
26.0	63.7	6881.9	425.0	-22.2	-33.5	289.0	47.2	44.1	16.9	320.5	322.3	0.5	34.0	38.5	78.
27.9	67.1	7326.1	400.0	-24.5	-36.4	292.2	43.2	49.8	16.8	320.5	322.0	0.4	38.3	43.1	76.
29.4	70.7	7784.9	375.0	-30.4	-39.0	290.6	48.8	48.0	16.2	321.3	322.5	0.3	42.5	47.8	76.
31.2	74.6	8273.7	350.0	-33.8	-43.7	292.0	48.8	44.5	14.4	323.1	323.9	0.2	35.7	52.7	75.
33.0	78.7	8787.9	325.0	-35.8	-47.6	291.7	50.1	47.5	15.7	323.2	323.7	0.2	38.2	57.7	75.
34.7	82.8	9327.4	300.0	-42.6	99.4	290.7	58.5	54.5	14.4	325.3	325.3	99.9	99.9	64.1	75.
37.1	87.6	9914.2	275.0	-47.0	99.9	290.6	58.2	50.2	13.2	327.2	327.2	99.9	99.9	70.4	75.
39.4	92.0	10536.5	250.0	-52.8	99.9	290.6	58.2	52.3	14.2	327.6	327.6	99.9	99.9	77.1	75.
41.8	97.0	11203.4	225.0	-56.0	99.9	290.6	61.7	77.0	23.5	332.7	332.7	99.9	99.9	87.4	74.
44.3	102.4	11946.0	200.0	-58.4	99.9	290.6	49.0	44.8	19.9	336.7	336.7	99.9	99.9	93.6	74.
47.3	108.5	12617.2	175.0	-58.5	99.9	290.6	58.6	52.4	26.3	350.7	350.7	99.9	99.9	102.7	73.
50.9	115.0	13746.9	150.0	-59.5	99.9	290.6	35.4	33.4	11.8	367.5	367.5	99.9	99.9	110.5	72.
54.5	122.7	14911.9	125.0	-55.6	99.9	290.6	40.3	36.1	17.8	376.3	376.3	99.9	99.9	128.4	71.
58.9	131.3	16249.1	100.0	-71.1	99.9	290.6	38.0	36.0	12.1	390.4	390.4	99.9	99.9	138.5	71.
64.6	140.7	17947.5	75.0	-72.3	99.9	290.6	32.2	30.6	10.3	421.5	421.5	99.9	99.9	161.0	71.
72.5	151.5	20385.7	50.0	-64.9	99.9	290.6	34.6	34.6	11.6	450.5	450.5	99.9	99.9	188.5	71.
85.1	163.5	24703.1	25.0	-57.6	99.9	290.6	99.9	99.9	99.9	119.1	119.1	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975

1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

154 12. 1

TIME MIN	CHVCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.1	140.0	1005.8	-1.6	-6.3	310.0	5.1	3.9	-3.3	271.4	277.5	2.4	70.0	0.0	0.
0.1	0.3	146.1	1000.0	-2.4	-6.4	344.3	2.1	0.5	-2.0	271.0	277.1	2.4	74.1	0.2	59.
0.2	0.5	146.1	975.0	-4.9	-6.4	21.7	3.1	-1.2	-2.9	270.5	276.7	2.4	89.6	0.5	149.
0.3	0.5	146.1	950.0	-7.0	-7.2	334.0	7.3	3.2	-6.5	270.4	276.4	2.3	99.9	0.8	152.
0.4	1.5	103.3	925.0	-8.5	-8.5	336.1	8.2	3.3	-7.5	270.9	276.5	2.2	103.7	1.2	152.
0.5	1.5	103.3	900.0	-10.6	-10.6	332.5	8.5	3.9	-7.6	270.8	276.8	1.9	103.4	1.5	154.
0.6	1.5	103.3	875.0	-8.4	-10.1	323.4	10.4	6.2	-8.4	270.3	280.7	2.0	88.1	2.0	152.
0.7	1.5	103.3	850.0	-6.4	-13.5	311.1	11.7	8.8	-11.7	279.6	284.0	1.6	57.2	2.6	149.
0.8	1.5	103.3	825.0	-4.4	-20.8	301.2	13.2	11.3	-6.9	284.1	284.6	0.9	26.3	3.1	145.
0.9	1.5	103.3	800.0	-4.4	-22.0	299.6	14.9	12.9	-7.4	286.6	289.0	0.8	23.6	3.7	141.
1.0	1.5	103.3	775.0	-5.7	-24.1	298.9	16.0	14.0	-7.7	287.8	289.9	0.7	21.6	4.4	137.
1.1	1.5	103.3	750.0	-6.9	-26.3	298.5	17.2	15.1	-8.2	289.1	290.9	0.6	19.6	5.2	134.
1.2	1.5	103.3	725.0	-6.0	-27.2	299.1	18.7	16.4	-9.1	290.7	292.5	0.6	19.6	6.1	132.
1.3	1.5	103.3	700.0	-8.7	-27.7	300.6	20.7	17.9	-10.3	292.9	294.6	0.6	19.7	7.2	130.
1.4	1.5	103.3	675.0	-9.5	-28.3	295.4	21.8	19.7	-9.3	295.1	296.8	0.5	19.7	8.4	128.
1.5	1.5	103.3	650.0	-9.9	-28.7	288.7	21.9	20.7	-7.0	297.8	299.5	0.5	19.8	9.8	126.
1.6	1.5	103.3	625.0	-11.0	-29.6	289.1	21.7	20.5	-7.1	299.9	301.5	0.5	19.8	11.1	124.
1.7	1.5	103.3	600.0	-12.6	-30.9	289.6	25.0	24.2	-8.7	301.5	303.2	0.4	20.1	14.4	120.
1.8	1.5	103.3	575.0	-15.4	-33.1	287.0	26.4	25.3	-7.7	301.9	303.2	0.3	20.3	16.4	119.
1.9	1.5	103.3	550.0	-18.3	-35.5	285.1	24.3	27.3	-7.4	302.4	303.5	0.3	20.3	18.5	117.
2.0	1.5	103.3	525.0	-19.4	-36.4	281.5	30.2	29.6	-8.0	305.1	306.2	0.3	20.4	20.9	115.
2.1	1.5	103.3	500.0	-22.6	-39.0	280.0	31.2	30.7	-8.4	305.5	306.3	0.3	20.6	23.2	113.
2.2	1.5	103.3	475.0	-25.4	-41.3	274.1	32.5	32.4	-8.3	306.5	307.2	0.2	20.8	25.4	111.
2.3	1.5	103.3	450.0	-28.7	-44.0	271.5	34.3	34.3	-8.9	307.2	307.7	0.2	21.1	28.3	111.
2.4	1.5	103.3	425.0	-31.3	-46.7	274.0	37.3	37.2	-2.6	308.8	309.3	0.1	21.2	29.4	109.
2.5	1.5	103.3	400.0	-33.7	-48.2	271.8	40.8	40.8	-1.3	311.1	311.5	0.1	21.4	34.2	106.
2.6	1.5	103.3	375.0	-36.1	-50.2	267.1	46.8	46.7	2.4	313.7	314.1	0.1	21.6	38.5	105.
2.7	1.5	103.3	350.0	-37.7	-51.5	266.4	59.6	59.5	3.6	317.9	318.2	0.1	21.7	46.2	102.
2.8	1.5	103.3	325.0	-41.1	-59.9	261.7	55.4	54.8	8.0	320.0	320.9	99.9	99.9	54.2	99.
2.9	1.5	103.3	300.0	-45.2	-64.9	261.4	57.1	56.5	8.5	321.6	321.6	99.9	99.9	62.8	97.
3.0	1.5	103.3	275.0	-44.6	-69.9	262.6	60.1	59.6	7.7	323.2	323.2	99.9	99.9	69.9	95.
3.1	1.5	103.3	250.0	-51.2	-79.9	261.2	63.5	62.8	9.7	330.0	330.0	99.9	99.9	80.1	93.
3.2	1.5	103.3	225.0	-51.4	-99.9	263.3	63.6	63.1	7.4	339.7	339.7	99.9	99.9	90.3	92.
3.3	1.5	103.3	200.0	-52.8	-99.9	99.9	99.9	99.9	99.9	349.1	349.1	99.9	99.9	99.9	99.
3.4	1.5	103.3	175.0	-55.3	-99.9	99.9	99.9	99.9	99.9	358.6	358.6	99.9	99.9	99.9	99.
3.5	1.5	103.3	150.0	-57.8	-99.9	99.9	99.9	99.9	99.9	379.8	379.8	99.9	99.9	99.9	99.
3.6	1.5	103.3	125.0	-63.7	-99.9	99.9	99.9	99.9	99.9	398.4	398.4	99.9	99.9	99.9	99.
3.7	1.5	103.3	100.0	-67.0	-99.9	99.9	99.9	99.9	99.9	434.1	434.1	99.9	99.9	99.9	99.
3.8	1.5	103.3	75.0	-66.2	-99.9	99.9	99.9	99.9	99.9	494.4	494.4	99.9	99.9	99.9	99.
3.9	1.5	103.3	50.0	-63.3	-99.9	99.9	99.9	99.9	99.9	606.4	606.4	99.9	99.9	99.9	99.
4.0	1.5	103.3	25.0	-62.0	-99.9	99.9	99.9	99.9	99.9						

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 PV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 237  
HOOTSVILLE, LA

7 FEBRUARY 1975  
1115 GMT

150 27. 0

TIME MIN	CHCT	HEIGHT FPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	1.0	1023.0	3.7	-0.5	10.0	5.7	-1.0	-5.6	275.1	284.3	3.6	76.0	0.0	0.
0.7	6.6	115.1	1000.0	1.7	-2.3	2.4	8.7	-0.4	-8.6	275.2	283.6	3.2	74.8	0.4	172.
1.5	8.3	140.7	975.0	-0.0	-1.5	354.6	10.7	1.0	-10.7	275.5	284.5	3.5	89.6	0.8	177.
2.5	11.0	400.1	950.0	-2.2	-2.2	350.7	10.3	1.7	-10.2	275.4	284.2	3.4	100.2	1.5	174.
3.2	13.4	407.0	925.0	-2.3	-5.9	146.7	10.3	2.4	-10.0	277.3	284.4	2.7	5.9	1.9	173.
3.9	15.0	1028.1	900.0	3.0	-8.0	326.7	11.1	6.1	-9.3	284.9	291.3	2.3	44.3	2.4	170.
4.7	17.9	1256.6	875.0	3.4	-8.0	311.6	10.5	7.8	-7.0	288.0	294.7	2.4	41.8	2.8	165.
5.5	20.3	1402.1	850.0	3.8	-8.5	302.8	10.7	8.3	-6.7	290.4	297.1	2.4	40.2	3.2	160.
6.3	22.7	1714.4	825.0	3.2	-9.5	307.8	12.0	9.5	-7.4	292.2	298.6	2.3	38.8	3.7	155.
7.2	25.2	1943.0	800.0	1.4	-11.1	304.5	10.8	8.9	-6.1	292.9	298.7	2.0	38.3	4.3	151.
8.1	27.6	2217.9	775.0	-0.3	-12.9	300.4	11.0	9.4	-5.5	293.7	299.0	1.8	38.0	4.8	148.
9.0	30.2	2499.5	750.0	-1.9	-14.2	296.8	11.3	10.0	-5.1	294.7	299.6	1.7	38.2	5.3	145.
9.9	32.8	2763.1	725.0	-3.5	-15.1	293.8	13.0	11.9	-5.2	295.8	300.6	1.6	39.4	5.9	142.
10.9	35.4	3045.7	700.0	-3.9	-16.1	287.4	19.1	18.2	-5.7	298.4	303.0	1.6	37.9	6.6	138.
11.8	38.3	3331.2	675.0	-2.3	-14.6	280.6	26.6	26.2	-4.9	303.3	308.7	1.8	38.1	7.7	133.
12.8	40.5	3613.0	650.0	-3.0	-14.1	272.6	30.5	30.3	-3.5	305.8	311.8	2.0	41.7	9.2	126.
13.8	43.4	3842.2	625.0	-5.6	-15.9	272.6	30.8	30.7	-1.4	306.2	311.6	1.8	43.9	10.9	121.
14.3	46.3	4011.6	600.0	-5.9	-16.0	269.8	30.8	30.8	0.1	309.5	315.1	1.8	44.7	12.7	116.
16.1	49.3	4594.0	575.0	-6.8	-17.4	274.5	32.6	32.5	-2.5	312.2	317.5	1.7	42.6	14.7	113.
17.1	52.1	4940.7	550.0	-8.9	-19.0	272.8	33.1	33.0	-1.6	313.7	319.6	1.5	43.7	16.8	110.
18.3	55.2	5249.1	525.0	-11.5	-21.5	271.5	33.6	33.6	-0.9	314.7	319.9	1.3	43.4	19.0	108.
19.5	58.1	5571.6	500.0	-13.9	-23.9	271.3	34.4	34.4	-0.8	316.2	319.8	1.1	42.1	21.3	106.
20.8	61.6	6059.0	475.0	-17.1	-26.8	272.7	33.3	33.3	-1.5	318.8	320.9	0.9	42.6	24.0	105.
22.2	64.3	6442.6	450.0	-19.8	-29.5	274.8	34.6	34.5	-2.9	318.4	320.9	0.7	41.5	26.5	104.
23.7	68.1	6894.0	425.0	-23.2	-32.9	269.6	34.9	39.9	0.3	319.3	321.2	0.6	40.3	30.0	102.
25.2	71.0	7325.4	400.0	-26.3	-35.6	265.8	41.7	41.6	3.2	320.7	322.3	0.5	40.9	33.6	101.
26.7	75.1	7784.9	375.0	-30.1	-39.2	261.9	46.2	45.8	6.6	321.7	322.9	0.3	40.4	37.5	99.
28.1	79.1	8275.5	350.0	-34.6	-42.8	248.4	34.8	39.0	8.0	322.0	322.9	0.2	43.0	41.3	97.
30.0	83.2	8744.2	325.0	-38.4	-49.9	263.3	44.6	44.3	5.2	323.6	323.6	0.9	99.9	45.6	96.
31.7	87.2	9114.1	300.0	-42.8	-49.9	263.7	58.78	58.3	6.4	325.1	325.1	99.9	99.9	50.7	94.
33.5	91.5	9915.0	275.0	-47.9	-49.9	259.2	54.29	53.2	10.2	325.9	325.9	99.9	99.9	56.7	93.
35.8	96.2	10535.3	250.0	-53.7	-49.9	256.1	56.88	55.8	11.7	326.2	326.2	99.9	99.9	63.1	91.
37.9	100.6	11207.1	225.0	-55.9	-49.9	256.1	55.09	53.4	13.2	332.9	332.9	99.9	99.9	69.9	90.
40.1	105.8	11949.4	200.0	-53.4	-49.9	255.4	52.08	50.3	13.1	348.3	348.3	99.9	99.9	77.0	89.
43.0	111.4	12816.1	175.0	-55.6	-49.9	258.4	57.99	56.4	11.5	358.2	358.2	99.9	99.9	85.0	87.
45.9	117.5	13786.4	150.0	-54.9	-49.9	260.1	60.28	60.1	2.8	366.9	366.9	99.9	99.9	95.2	87.
49.4	124.7	14915.0	125.0	-65.3	-49.9	257.6	15.99	35.1	7.7	376.7	376.7	99.9	99.9	103.8	84.
53.6	137.3	16249.7	100.0	-70.4	-49.9	270.7	38.78	38.7	-0.4	416.1	416.1	99.9	99.9	112.5	86.
58.0	150.3	17419.2	75.0	-74.8	-49.9	260.8	33.18	32.7	5.3	416.1	416.1	99.9	99.9	123.4	86.
67.7	188.3	23315.0	50.0	-64.6	-49.9	258.0	31.08	30.3	6.4	491.4	491.4	99.9	99.9	137.3	86.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS7 FEBRUARY 1975  
1115 GMT

92 257. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	WIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MR RTO CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	4.7	100.0	1013.0	-0.1	-5.5	350.0	5.1	0.0	-5.0	272.4	270.0	2.5	67.0	0.0	0.
0.4	5.6	203.2	1000.0	-1.7	-7.3	271.9	3.3	3.3	-0.1	271.7	277.5	2.2	65.3	0.4	15.
1.0	7.7	403.4	975.0	-4.0	-9.0	310.6	4.7	3.5	-3.2	271.4	276.5	2.0	67.9	0.5	145.
1.7	12.0	608.1	950.0	-6.0	-9.2	330.1	6.8	3.4	-5.9	271.3	276.5	2.0	77.9	0.7	146.
2.3	12.0	816.4	925.0	-7.8	-8.8	336.7	7.0	2.7	-6.4	271.6	277.1	2.1	93.0	1.0	148.
2.9	14.3	1028.4	900.0	-10.0	-10.8	338.8	8.6	1.7	-7.8	271.4	276.4	1.9	94.7	1.2	150.
3.7	16.4	1248.0	875.0	-6.1	-11.9	378.2	11.5	6.0	-9.7	279.7	284.5	1.7	54.7	1.7	150.
4.4	18.1	1477.3	850.0	-3.1	-15.0	322.2	12.5	7.7	-9.9	283.0	287.0	1.4	39.2	2.2	149.
5.2	21.0	1713.4	825.0	-3.0	-19.3	320.1	14.0	9.0	-10.7	285.6	288.5	1.0	27.0	2.9	147.
6.0	23.5	1956.8	800.0	-4.0	-19.0	319.4	14.9	9.7	-11.3	287.1	290.1	1.1	29.8	3.6	146.
6.8	25.3	2216.5	775.0	-5.6	-18.2	317.6	15.7	10.6	-11.6	287.9	291.3	1.2	36.3	4.3	145.
7.7	28.2	2463.6	750.0	-5.9	-18.4	313.8	18.4	13.3	-12.8	290.3	293.8	1.2	36.3	5.1	143.
8.6	30.9	2720.0	725.0	-5.9	-18.9	309.3	21.7	16.8	-13.8	293.2	296.7	1.2	34.7	6.2	141.
9.4	33.4	3003.1	700.0	-7.3	-20.7	305.2	23.4	19.1	-13.5	296.5	297.7	1.0	33.3	7.3	139.
10.3	35.9	3248.1	675.0	-8.2	-21.9	299.2	23.1	20.2	-11.2	296.5	299.5	1.0	32.2	8.5	137.
11.3	38.7	3478.1	650.0	-9.7	-23.6	291.5	22.1	20.6	-8.1	298.1	300.8	0.9	30.9	9.8	134.
12.3	41.1	3640.5	625.0	-10.7	-24.9	292.3	21.8	20.1	-8.3	300.3	302.8	0.8	29.8	11.0	131.
13.3	44.2	4134.0	600.0	-11.7	-25.8	292.6	23.5	21.7	-9.0	302.6	305.1	0.8	29.8	12.3	129.
14.4	47.3	4513.7	575.0	-14.5	-24.2	288.4	26.0	24.7	-8.2	303.0	305.1	0.6	29.9	13.9	127.
15.4	50.2	4834.1	550.0	-17.0	-30.5	287.7	25.6	24.4	-7.8	303.9	305.7	0.5	29.9	15.4	125.
16.5	53.3	5211.1	525.0	-19.1	-32.1	284.4	26.0	24.7	-8.2	305.5	307.0	0.5	30.0	17.0	123.
17.7	56.3	5567.4	500.0	-21.8	-34.6	286.9	28.4	27.2	-8.3	306.5	307.8	0.4	30.0	18.8	122.
18.8	59.6	5914.5	475.0	-24.0	-36.6	284.8	31.4	30.3	-8.0	308.3	309.4	0.3	30.1	20.7	120.
20.1	63.1	6310.9	450.0	-26.9	-39.1	282.7	34.0	34.0	-7.7	309.4	310.4	0.3	30.1	23.1	119.
21.4	66.5	6711.4	425.0	-28.9	-40.9	279.5	40.7	40.1	-6.9	311.9	312.8	0.2	30.2	26.2	117.
22.9	70.3	7173.5	400.0	-30.7	-42.5	276.2	49.2	48.9	-5.3	315.1	315.8	0.2	30.2	29.9	114.
24.3	74.0	7670.0	375.0	-33.1	-44.5	272.2	56.6	54.6	-2.1	317.8	318.5	0.2	30.2	34.1	112.
25.9	78.1	8111.8	350.0	-36.3	-47.9	270.5	54.7	54.7	-3.5	319.0	319.5	0.1	30.3	39.3	109.
27.5	82.2	8620.7	325.0	-40.4	-49.9	268.0	44.5	44.4	3.1	321.0	321.0	99.9	99.9	43.6	107.
29.1	86.3	9161.9	300.0	-44.7	-49.9	267.7	57.0	57.0	2.3	322.9	323.9	99.9	99.9	48.4	105.
31.2	91.4	9734.0	275.0	-49.2	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	94.9	10300.0	250.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	99.9	10900.0	225.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	99.9	11500.0	200.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.9	99.9	12100.0	175.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	99.9	12700.0	150.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	99.9	13300.0	125.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	99.9	13900.0	100.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	99.9	14500.0	75.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57.9	99.9	15100.0	50.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.9	99.9	15700.0	25.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
63.9	99.9	16300.0	0.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 MV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
1115 GMT

194 26. 0

TIME MIN	CHCT	HEIGHT GFM	PHES MI	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	2.7	5.0	1026.6	-1.7	-0.6	300.0	8.8	0.0	-8.8	269.7	275.5	2.3	69.0	0.0	0.
0.7	4.5	213.5	1000.0	-3.0	-0.6	4.8	12.0	-1.0	-12.0	270.4	275.7	2.0	66.2	0.5	175.
1.5	6.3	413.7	975.0	-3.8	-0.6	7.9	7.8	-1.1	-7.8	271.6	276.6	1.9	64.8	0.5	179.
2.2	8.0	614.8	950.0	-4.3	-0.6	18.1	7.0	-2.2	-6.6	273.1	278.5	2.0	69.7	1.2	183.
3.0	10.5	824.5	925.0	-4.3	-11.3	10.9	8.9	-1.7	-8.7	276.2	280.9	1.7	54.3	1.5	186.
3.7	12.5	1048.0	900.0	-4.4	-11.7	359.2	10.6	0.2	-10.6	283.2	288.0	1.7	37.1	2.0	186.
4.5	14.7	1274.9	875.0	-4.5	-17.5	345.9	11.7	1.0	-11.6	285.5	288.7	1.1	28.0	2.5	186.
5.3	16.5	1508.7	850.0	-4.6	-24.6	345.1	11.2	2.9	-10.9	289.2	290.4	0.4	7.0	3.0	181.
6.2	18.3	1749.9	825.0	-4.6	-24.6	339.4	11.1	4.3	-11.3	290.8	292.8	0.7	12.4	3.6	178.
6.9	20.3	1937.4	800.0	-4.7	-24.9	324.6	11.2	6.5	-9.1	292.3	294.2	0.6	12.2	4.1	175.
7.7	23.1	2251.9	775.0	-4.7	-24.1	312.6	11.2	9.4	-8.7	293.5	295.3	0.6	12.2	4.5	171.
8.4	25.1	2511.5	750.0	-4.8	-24.5	310.1	14.9	11.4	-9.6	294.7	296.1	0.4	9.8	5.1	165.
9.5	27.5	2743.2	725.0	-4.8	-24.9	312.5	15.1	11.2	-10.2	295.9	296.9	0.3	7.2	5.8	161.
10.4	30.0	2954.4	700.0	-4.9	-33.9	312.5	14.4	10.6	-9.7	296.7	297.8	0.3	9.1	6.5	158.
11.3	32.5	3131.1	675.0	-4.9	-33.5	307.2	15.5	12.3	-9.3	297.8	298.8	0.3	9.0	7.3	155.
12.3	35.3	3337.2	650.0	-5.0	-33.2	298.8	17.9	15.7	-8.6	301.4	302.3	0.3	8.1	8.1	151.
13.4	37.4	3446.3	625.0	-5.0	-35.3	294.2	24.1	23.8	-8.3	306.0	307.1	0.3	7.5	9.2	148.
14.3	40.1	3635.0	600.0	-4.7	-34.4	281.4	31.9	31.1	-7.2	311.2	312.4	0.3	7.3	10.6	140.
15.4	42.4	3830.5	575.0	-5.5	-34.2	274.2	32.5	32.1	-5.2	313.5	314.6	0.3	7.4	12.3	136.
16.5	44.4	4047.7	550.0	-6.5	-35.5	262.9	30.9	30.1	-6.9	316.4	317.5	0.3	7.6	14.1	129.
17.6	46.3	4231.1	525.0	-6.6	-37.7	249.3	31.9	30.1	-10.6	318.9	319.9	0.3	7.9	16.0	126.
18.4	48.1	4421.7	500.0	-12.5	-38.8	291.2	31.3	31.1	-12.0	317.8	318.7	0.3	8.9	18.4	124.
20.1	50.1	4672.6	475.0	-16.1	-40.3	244.5	34.2	32.4	-10.8	318.0	318.8	0.2	10.3	20.9	122.
21.4	52.1	4875.4	450.0	-20.1	-43.0	246.0	33.7	32.4	-9.3	319.0	319.6	0.2	10.8	23.4	121.
22.9	54.4	5094.8	425.0	-24.2	-44.5	279.0	31.4	31.0	-9.3	317.9	318.6	0.2	13.1	26.0	119.
24.4	56.3	5316.0	400.0	-27.1	-43.4	277.0	30.3	30.0	-8.4	319.7	320.4	0.2	19.5	28.8	117.
26.1	57.1	5538.7	375.0	-29.9	-44.4	270.1	36.9	36.9	-0.2	321.9	322.5	0.2	18.1	32.2	114.
27.7	58.3	5786.2	350.0	-34.1	-44.0	268.3	34.7	34.1	1.2	322.7	323.2	0.1	20.2	35.8	112.
29.7	59.9	6049.9	325.0	-38.8	-44.9	268.6	40.1	40.1	1.0	323.2	323.7	0.1	20.2	39.8	109.
31.7	61.7	6346.5	300.0	-43.0	-44.9	269.5	44.0	44.0	0.3	324.8	325.3	0.1	20.2	44.2	107.
33.8	63.8	6675.3	275.0	-47.4	-44.9	268.0	45.2	45.0	3.9	326.5	326.9	0.1	20.2	48.9	105.
36.0	67.2	7144.7	250.0	-57.6	-44.9	263.4	55.0	54.7	6.3	327.9	328.3	0.1	20.2	57.1	102.
38.9	72.7	7623.0	225.0	-55.7	-44.9	258.9	47.9	47.9	9.4	333.2	333.7	0.1	20.2	65.8	99.
41.4	74.4	8141.1	200.0	-52.8	-44.9	240.5	46.3	46.7	7.7	343.2	343.7	0.1	20.2	71.2	97.
44.5	80.3	8680.7	175.0	-55.2	-44.9	245.5	42.3	42.2	3.1	358.9	359.4	0.1	20.2	79.5	96.
48.3	87.2	9181.2	150.0	-58.0	-44.9	272.0	51.2	51.2	-1.8	368.9	369.4	0.1	20.2	89.7	95.
52.5	94.7	9651.4	125.0	-61.5	-44.9	263.1	43.0	43.0	5.2	380.1	380.6	0.1	20.2	100.7	95.
57.7	124.3	10304.0	100.0	-64.4	-44.9	260.1	33.0	32.5	-5.8	395.7	396.2	0.1	20.2	114.2	94.
64.0	135.3	11007.2	75.0	-64.7	-44.9	264.8	28.7	28.6	2.6	420.8	421.3	0.1	20.2	125.3	94.
73.4	145.3	12444.1	50.0	-66.0	-44.9	255.6	6.8	6.9	4.8	480.0	480.5	0.1	20.2	139.4	93.
90.0	99.3	94.4	25.0	-64.9	-44.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24P  
SARREVEPINT, LA  
7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WPGHT G/M	DMS MM	TRMP DU C	DEW PT DU C	DIN DU	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DU K	E POT V DU K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.4	710.0	1010.0	-5.0	-10.0	340.0	3.6	1.2	-3.4	267.0	271.5	1.8	68.0	0.0	0.
0.6	5.0	710.0	1000.0	-5.3	-9.2	340.0	5.2	-0.5	-5.8	268.1	273.0	1.9	74.4	0.2	100.
1.2	7.8	617.5	975.0	-6.8	-10.3	352.1	6.5	0.9	-6.5	268.5	273.1	1.0	75.9	0.4	174.
1.9	10.1	514.5	950.5	-8.7	-11.6	353.7	6.7	0.7	-8.6	268.5	272.2	1.4	67.5	0.7	172.
2.7	12.2	427.0	925.0	-5.3	-14.0	367.7	6.8	1.0	-5.7	274.1	277.9	1.4	50.2	1.0	173.
3.4	14.5	1041.5	900.5	-3.5	-16.6	342.6	7.4	2.2	-7.1	276.1	281.3	1.2	36.2	1.2	171.
4.2	16.5	1207.4	875.0	-0.6	-24.7	343.4	10.4	3.0	-10.2	283.2	284.7	0.5	12.3	1.6	149.
5.0	18.4	1441.0	850.0	-0.3	-20.0	346.2	10.1	2.4	-9.8	286.0	288.7	0.9	21.1	2.1	188.
5.7	21.3	1737.6	825.0	-1.1	-22.1	347.7	11.9	2.5	-11.6	287.6	289.9	0.8	18.3	2.6	168.
6.6	23.3	1927.1	800.0	-7.0	-27.8	340.7	14.0	6.0	-13.2	289.1	291.4	0.8	18.6	3.3	167.
7.4	25.3	2214.1	775.0	-7.8	-24.1	330.5	14.7	7.2	-12.8	290.9	293.0	0.7	17.5	4.6	165.
8.3	28.2	2471.5	750.0	-3.9	-24.9	321.3	14.7	9.2	-11.5	292.5	294.5	0.7	17.6	5.4	162.
9.1	30.5	2760.5	725.0	-4.6	-26.7	313.4	14.9	10.8	-10.3	294.5	296.3	0.6	15.7	5.6	159.
10.0	32.4	3011.1	700.0	-6.0	-24.1	304.5	15.8	12.2	-10.1	295.9	297.5	0.5	15.4	6.1	155.
11.0	35.3	3310.6	675.0	-7.9	-24.5	304.1	17.4	13.5	-10.9	296.9	298.4	0.5	15.6	7.0	152.
11.9	38.0	3617.9	650.0	-9.6	-30.9	307.6	17.6	14.1	-10.9	298.4	299.5	0.4	15.7	7.9	149.
12.9	41.7	3913.4	625.0	-11.6	-32.4	306.2	18.6	15.0	-11.0	299.2	300.5	0.4	15.9	8.9	146.
13.9	44.6	4225.1	600.0	-13.1	-33.5	304.7	18.9	15.3	-10.8	301.0	302.2	0.4	16.0	10.0	144.
14.8	47.5	4544.3	575.0	-14.2	-34.4	303.2	21.6	18.1	-11.8	304.3	304.5	0.4	16.1	11.1	142.
15.9	50.3	4885.2	550.0	-15.9	-35.6	299.5	24.1	21.0	-11.9	305.2	306.4	0.3	16.3	12.5	140.
17.1	52.3	5233.6	525.0	-17.7	-37.1	294.7	28.2	25.6	-11.8	307.1	308.1	0.3	16.5	14.1	137.
18.2	54.9	5574.7	500.0	-14.1	-34.1	246.3	34.4	30.8	-15.2	309.8	310.7	0.3	16.6	16.0	134.
19.5	59.1	5974.0	475.0	-21.5	-40.0	295.2	37.5	34.0	-16.0	311.3	312.2	0.2	16.8	18.0	131.
20.7	62.4	6374.4	450.0	-21.6	-41.7	292.4	42.9	34.6	-16.5	313.6	314.3	0.2	17.0	21.4	129.
21.9	65.7	6790.1	425.0	-25.0	-43.6	293.5	45.1	41.3	-17.9	315.4	316.3	0.2	17.2	24.8	127.
23.1	69.0	7225.7	400.0	-24.9	-46.7	295.4	42.7	38.5	-18.3	316.0	316.6	0.1	17.4	28.2	125.
24.7	72.4	7682.4	375.0	-31.6	-49.6	247.3	44.7	39.5	-20.9	317.1	317.5	0.1	17.9	32.1	124.
26.4	76.3	8162.3	350.0	-37.6	-57.9	294.4	47.6	43.4	-19.7	318.2	318.2	0.1	18.3	36.7	123.
29.1	80.3	8561.3	325.0	-42.4	-64.3	267.1	46.5	44.5	-13.7	319.2	319.9	0.1	18.3	41.2	122.
29.7	84.1	9233.2	300.0	-47.4	-69.4	241.6	46.6	45.6	-9.6	318.6	318.6	0.1	18.3	45.0	120.
31.9	88.5	9775.1	275.0	-49.6	-69.9	241.0	44.0	43.0	-10.3	323.1	323.1	0.1	18.3	51.6	118.
33.4	93.4	10776.1	250.0	-57.5	-69.7	240.4	47.2	47.2	-8.7	324.1	324.1	0.1	18.3	57.9	116.
36.0	98.2	11007.7	225.0	-57.0	-69.4	242.4	46.7	46.7	-10.6	331.2	331.2	0.1	18.3	63.6	115.
38.4	103.4	11420.1	200.0	-55.0	-69.4	245.4	44.4	44.4	3.3	345.7	345.7	0.1	18.3	78.1	113.
41.7	108.3	11674.7	175.0	-54.0	-69.1	244.6	44.9	44.9	4.2	360.9	360.9	0.1	18.3	79.8	109.
44.4	115.4	11661.0	150.0	-57.7	-69.9	245.1	41.0	40.2	-10.8	370.5	370.5	0.1	18.3	87.7	108.
49.0	127.0	10798.1	125.0	-62.1	-69.9	270.5	44.7	44.7	-8.4	382.5	382.5	0.1	18.3	96.8	107.
53.5	139.7	14155.5	100.0	-67.9	-69.4	276.9	35.8	35.5	-4.3	396.5	396.5	0.1	18.3	104.4	106.
59.4	157.7	17677.9	75.0	-70.1	-69.9	241.5	24.8	24.8	-2.9	424.1	424.1	0.1	18.3	117.8	105.
67.5	185.7	23277.0	50.0	-64.1	-69.9	270.5	22.6	22.6	-0.7	452.6	452.6	0.1	18.3	132.2	105.
83.3	194.0	24561.6	25.0	-59.2	-69.9	238.1	18.10	13.7	0.5	614.4	614.4	0.1	18.3	146.4	102.

0 BY SPEED PLANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICINIA. PER7 FEBRUARY 1975  
1115 GMT

TIME MIN	CHCT	WEIGHT GMS	PRES MM	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD CM/KG	RM PCT	RANGE NM	AZ DG
0.0	7.7	71.0	1023.7	-2.6	17.3	3.1	-0.5	-3.1	269.1	275.2	2.4	78.0	0.0	0.
0.3	4.3	213.8	1000.0	-1.6	999.9	99.9	79.9	99.9	269.9	275.2	2.1	76.7	999.9	999.9
1.0	4.3	413.4	975.0	-4.9	999.9	99.9	99.9	99.9	270.5	276.9	1.7	62.5	999.9	999.9
2.3	0.3	623.3	920.0	-2.3	15.1	9.2	-0.6	-0.1	275.0	276.4	1.2	36.9	1.2	205.
3.1	10.3	419.7	923.0	-19.1	21.0	9.1	-3.3	-0.5	283.6	283.3	1.0	21.4	1.0	206.
3.5	12.5	1043.2	900.0	2.0	17.3	10.1	-3.0	-9.6	283.6	283.3	0.4	8.5	2.0	204.
4.4	16.7	1748.1	875.0	2.2	6.7	7.0	-0.9	-7.8	286.2	287.5	0.4	8.0	2.4	202.
5.4	16.7	1514.4	850.0	2.3	31.3.6	6.9	0.0	-6.9	286.7	290.6	0.7	12.3	2.7	199.
6.3	18.7	1754.6	875.0	0.4	145.5	5.7	1.0	-5.5	289.1	291.3	0.7	15.2	3.0	196.
7.1	20.9	2084.4	800.0	-1.4	330.2	6.8	3.4	-5.9	289.7	291.8	0.7	15.9	3.2	193.
8.0	23.3	2253.7	775.0	-7.4	373.4	11.7	6.9	-9.5	291.3	292.6	0.4	10.1	3.6	187.
9.4	25.5	2514.5	725.0	0.0	316.8	16.8	11.0	-12.6	297.5	299.5	0.6	11.8	0.2	180.
9.8	27.9	2790.7	725.0	1.5	306.2	19.5	15.8	-11.5	301.2	304.3	1.0	17.0	4.9	171.
10.4	10.1	1077.4	700.0	0.2	297.7	20.3	19.0	-9.5	302.8	306.0	1.0	22.0	5.0	162.
11.4	32.9	3367.4	675.0	-2.2	292.7	20.3	18.7	-7.8	303.3	306.7	1.1	22.0	6.7	154.
12.9	35.0	1062.0	650.0	-3.1	286.0	20.1	19.2	-5.8	305.6	309.9	1.0	22.5	7.7	147.
13.9	34.0	1472.0	625.0	-3.8	285.1	21.8	21.1	-5.7	306.2	311.9	1.2	25.0	8.6	141.
14.9	40.6	4298.0	600.0	-5.0	289.1	24.3	23.0	-7.9	310.5	313.2	0.8	19.0	9.8	137.
16.0	43.3	4527.0	575.0	-7.4	289.4	21.9	22.6	-7.9	311.4	314.1	0.8	21.1	11.4	133.
17.2	46.2	4971.6	550.0	-10.0	287.0	24.2	23.2	-7.1	312.3	314.7	0.7	22.3	12.9	130.
18.5	49.1	5324.0	525.0	-11.7	283.9	25.1	24.4	-6.0	314.4	316.6	0.7	22.2	14.4	127.
19.3	52.0	5707.7	500.0	-14.9	284.5	26.2	25.5	-6.4	314.9	316.7	0.5	21.6	16.7	124.
21.3	55.1	6386.4	475.0	-17.5	285.2	27.3	26.4	-7.2	316.3	317.0	0.4	22.0	18.0	122.
22.7	58.1	6498.4	450.0	-20.6	287.1	27.4	26.1	-8.2	317.3	318.6	0.4	23.1	21.0	120.
24.1	61.3	6937.3	425.0	-23.8	279.7	25.7	25.3	-4.3	318.4	319.6	0.3	25.5	23.4	116.
24.3	65.0	7384.7	400.0	-27.0	277.7	26.0	25.8	-3.3	318.9	320.2	0.4	39.1	29.6	115.
27.4	64.3	7910.3	375.0	-30.3	274.2	28.9	27.9	-2.5	321.4	322.5	0.3	36.1	28.1	113.
29.3	72.3	8246.7	350.0	-34.6	274.1	28.8	29.0	-3.2	322.0	322.8	0.2	36.0	31.2	113.
31.3	76.3	8805.4	325.0	-39.0	272.9	32.1	32.1	-1.6	322.8	323.4	0.2	40.3	34.7	111.
31.3	80.9	9351.4	300.0	-43.6	268.5	33.6	33.6	0.9	323.9	324.9	99.9	99.9	30.0	109.
34.2	84.2	9431.3	275.0	-48.3	266.1	37.4	37.0	6.6	325.3	326.9	99.9	99.9	42.1	106.
37.0	84.8	11591.1	250.0	-54.1	252.4	36.6	35.0	11.0	325.6	326.9	99.9	99.9	46.7	103.
38.3	93.5	11211.2	225.0	-58.1	263.3	38.7	38.5	4.7	329.5	329.9	99.9	99.9	51.5	100.
42.8	89.0	11370.7	200.0	-54.6	263.2	41.8	41.6	4.2	346.4	346.9	99.9	99.9	58.5	98.
45.4	104.5	13426.4	175.0	-55.6	275.4	43.9	43.7	-4.1	350.2	350.9	99.9	99.9	64.1	96.
49.2	111.3	13793.1	150.0	-60.4	273.1	42.9	42.4	-2.4	360.1	360.9	99.9	99.9	74.0	97.
53.6	114.7	14411.2	125.0	-66.2	272.9	36.2	35.3	-0.0	375.2	375.9	99.9	99.9	83.6	98.
57.6	124.1	16247.0	100.0	-72.3	277.6	38.0	37.6	-5.1	380.0	380.9	99.9	99.9	92.9	97.
63.3	126.1	17224.1	75.0	-74.1	277.7	26.0	25.7	-3.5	417.0	417.9	99.9	99.9	102.7	90.
72.3	147.0	20330.1	50.0	-66.6	275.4	8.74	8.7	-0.6	460.7	461.9	99.9	99.9	111.9	37.
99.0	94.1	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 260  
STEPHENVILLE, TEX  
7 FEBRUARY 1975  
1245 GMT

TIME MIN	CNTCT	HEIGHT GPM	DRFS MB	TEMP DG C	DLEW PT DG C	NIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX HTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	33.0	477.5	-6.5	-8.1	70.0	3.1	-2.9	-1.1	168.7	274.1	2.1	88.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	7.3	41.9	475.0	-6.19	99.9	99.9	99.9	99.9	99.9	269.2	999.9	99.9	99.9	999.9	999.9
0.9	4.0	624.0	950.0	-2.28	99.9	99.9	99.9	99.9	99.9	275.0	999.9	99.9	99.9	999.9	999.9
1.6	11.6	830.4	925.0	0.2	99.9	999.9	99.9	99.9	99.9	279.6	999.9	99.9	99.9	999.9	999.9
2.4	13.2	1057.0	900.0	2.0	99.9	999.9	99.9	99.9	99.9	283.6	999.9	99.9	99.9	999.9	999.9
3.2	16.0	1271.5	875.0	1.3	99.9	280.0	4.7	4.6	-0.8	285.2	999.9	99.9	99.9	0.4	137.
4.0	18.3	1516.7	850.0	0.8	99.9	278.8	5.7	5.6	-0.9	287.0	999.9	99.9	99.9	0.6	120.
4.9	20.9	1755.4	825.0	-1.2	99.9	261.1	5.3	5.2	0.8	287.4	999.9	99.9	99.9	0.9	111.
5.7	22.9	1939.4	800.0	-3.4	99.9	266.3	5.9	5.9	-0.5	291.5	999.9	99.9	99.9	1.1	103.
6.5	25.3	2251.1	775.0	-2.1	99.9	274.1	6.5	6.5	-0.5	291.5	999.9	99.9	99.9	1.4	101.
7.4	27.5	2510.7	750.0	-3.3	99.9	275.8	6.3	6.2	-0.6	293.0	999.9	99.9	99.9	1.7	100.
8.2	30.1	2770.1	725.0	-4.4	99.9	281.6	6.5	6.3	-1.3	294.6	999.9	99.9	99.9	2.1	99.
9.2	32.3	3053.1	700.0	-6.2	99.9	279.4	6.3	6.2	-1.0	295.6	999.9	99.9	99.9	2.4	101.
10.2	35.4	3336.8	675.0	-7.9	99.9	277.9	8.7	8.6	-1.2	296.8	999.9	99.9	99.9	2.8	99.
11.2	38.0	3629.6	650.0	-8.1	99.9	284.5	13.3	12.9	-3.3	299.8	999.9	99.9	99.9	3.5	100.
12.2	40.9	3918.8	625.0	-6.8	99.9	289.4	17.4	16.5	-5.5	304.7	999.9	99.9	99.9	4.3	101.
13.2	43.4	4253.6	600.0	-6.2	99.9	284.0	21.1	20.1	-6.5	309.0	999.9	99.9	99.9	5.6	103.
14.3	46.3	4585.8	575.0	-7.2	99.9	293.3	20.8	19.1	-8.2	311.6	999.9	99.9	99.9	7.0	104.
15.4	49.1	4931.4	550.0	-8.0	99.9	299.6	20.9	18.2	-10.3	314.6	999.9	99.9	99.9	8.2	106.
16.6	52.0	5291.0	525.0	-11.0	99.9	298.6	22.1	19.4	-10.6	315.2	999.9	99.9	99.9	9.8	108.
17.6	55.1	5663.2	500.0	-14.1	99.9	298.7	22.5	19.7	-10.9	315.8	999.9	99.9	99.9	11.4	110.
18.9	58.1	6043.7	475.0	-17.5	99.9	294.0	23.5	21.5	-9.6	316.3	999.9	99.9	99.9	12.9	111.
20.2	61.4	6451.4	450.0	-21.3	99.9	289.4	24.2	22.9	-8.1	316.5	999.9	99.9	99.9	14.9	111.
21.6	64.9	6869.6	425.0	-25.2	99.9	289.7	23.7	22.3	-8.0	316.7	999.9	99.9	99.9	16.8	111.
23.0	68.2	7308.9	400.0	-28.8	99.9	291.4	25.4	23.7	-9.3	317.6	999.9	99.9	99.9	19.0	111.
24.6	71.9	7748.7	375.0	-33.2	99.9	293.0	25.7	23.7	-10.1	317.7	999.9	99.9	99.9	21.3	111.
26.1	75.5	8208.0	350.0	-37.1	99.9	288.8	26.7	25.3	-8.6	318.7	999.9	99.9	99.9	23.7	111.
27.6	79.2	8753.1	325.0	-41.7	99.9	288.4	27.0	25.7	-8.5	319.2	999.9	99.9	99.9	26.4	110.
29.9	83.2	9290.2	300.0	-46.4	99.9	287.2	31.2	29.8	-9.2	319.9	999.9	99.9	99.9	29.9	110.
31.9	87.2	9863.5	275.0	-49.8	99.9	283.1	33.5	32.6	-7.6	323.1	999.9	99.9	99.9	33.7	110.
34.1	91.8	10481.4	250.0	-54.0	99.9	282.4	38.6	37.7	-6.3	325.8	999.9	99.9	99.9	38.5	109.
36.4	96.5	11152.7	225.0	-56.8	99.9	283.8	44.2	42.9	-10.5	331.5	999.9	99.9	99.9	44.6	108.
38.6	101.5	11872.8	200.0	-56.0	99.9	271.8	38.8	38.6	-1.2	344.1	999.9	99.9	99.9	49.6	107.
41.7	107.3	12749.1	175.0	-56.0	99.9	270.1	44.9	44.9	-0.0	357.5	999.9	99.9	99.9	57.8	105.
45.2	113.3	13730.0	150.0	-57.1	99.9	280.6	52.0	51.1	-9.6	371.6	999.9	99.9	99.9	66.0	104.
49.2	120.3	14807.1	125.0	-62.7	99.9	282.8	44.0	42.9	-9.8	381.4	999.9	99.9	99.9	76.1	103.
53.9	127.7	16231.9	100.0	-67.5	99.9	281.7	22.39	21.9	-4.5	397.4	999.9	99.9	99.9	86.3	103.
59.4	136.0	17943.3	75.0	-69.3	99.9	280.5	35.38	34.8	-6.4	427.6	999.9	99.9	99.9	94.8	102.
67.4	144.7	20397.9	50.0	-63.6	99.9	281.7	1.69	1.6	-0.3	493.8	999.9	99.9	99.9	105.0	103.
79.4	154.0	24690.5	25.0	-57.6	99.9	234.2	16.5	13.4	9.7	619.0	999.9	99.9	99.9	116.0	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 241  
DEL RIO, TEX  
7 FEBRUARY 1975  
1115 GMT

TIME MIN	CHTC7	WIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	WIND DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.3	314.0	988.7	0.0	-2.9	120.0	1.5	-1.3	0.7	274.4	282.5	3.1	81.0	150	13.0
0.0	99.3	94.9	1000.0	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	8.5	424.6	975.0	2.7	-7.3	136.3	3.5	-2.4	2.6	278.1	284.1	2.3	47.8	0.2	293.0
1.2	10.7	635.9	950.0	2.6	-8.9	160.7	4.5	-1.5	4.2	280.1	285.7	2.1	42.3	0.3	311.0
2.0	12.9	852.3	925.0	2.3	-8.4	176.7	5.2	-0.3	5.2	281.9	287.5	2.2	45.0	0.5	326.0
2.8	15.2	1073.1	900.0	0.4	-9.2	182.1	5.0	0.2	5.0	282.2	288.0	2.1	48.3	0.7	339.0
3.6	17.3	1298.6	875.0	-0.7	-14.1	156.2	4.2	-1.7	3.9	283.2	287.3	1.5	35.6	0.9	342.0
4.4	19.7	1530.1	850.0	-0.6	-16.3	162.7	3.4	-1.0	3.3	285.7	289.3	1.3	29.1	1.1	339.0
5.1	21.3	1764.3	825.0	-0.7	-15.0	234.3	2.9	2.4	1.7	287.9	290.3	0.8	17.7	1.2	344.0
6.2	24.4	2014.8	800.0	0.7	-22.4	285.4	4.6	4.4	-1.2	282.1	296.4	1.5	29.7	1.2	353.0
7.1	26.7	2270.0	775.0	0.9	-12.8	309.1	6.2	4.8	-3.9	295.0	300.5	1.9	35.7	1.1	36.0
8.2	29.2	2534.1	750.0	2.2	-18.0	304.2	10.9	9.0	-6.1	299.1	302.8	1.2	20.7	0.9	34.0
9.1	31.9	2807.9	725.0	1.9	-18.9	299.2	14.0	12.2	-6.8	301.6	306.0	1.4	23.3	1.2	76.0
10.1	34.4	3084.8	700.0	-0.1	-16.5	295.4	14.1	12.7	-6.0	302.5	307.1	1.5	27.6	1.9	91.0
11.3	36.3	3340.6	675.0	0.1	-19.7	295.0	16.6	15.1	-7.0	303.9	309.6	1.2	20.8	2.9	100.0
12.4	38.7	3682.6	650.0	-1.0	-18.4	288.6	18.3	17.3	-5.8	308.0	312.2	1.3	24.2	4.0	103.0
13.4	42.2	3994.4	625.0	-3.1	-19.3	287.9	18.0	17.1	-5.5	309.1	313.2	1.3	27.1	5.2	104.0
14.6	45.1	4315.0	600.0	-5.6	-20.3	287.8	17.7	16.8	-5.4	309.7	313.7	1.3	30.1	6.5	105.0
15.8	49.3	4648.3	575.0	-7.8	-21.2	292.2	18.0	16.7	-6.8	311.0	314.9	1.2	33.1	7.7	105.0
16.9	50.8	4972.6	550.0	-10.0	-23.4	296.3	18.0	15.9	-8.5	312.3	315.7	1.0	32.3	9.0	107.0
18.1	53.9	5344.8	525.0	-12.4	-26.2	296.9	18.2	16.2	-8.2	313.5	316.3	0.9	30.5	10.1	108.0
19.4	56.3	5720.1	500.0	-15.5	-28.7	292.6	19.5	18.0	-7.5	314.2	316.6	0.7	30.9	11.6	109.0
20.7	60.1	6105.4	475.0	-18.6	-31.6	287.4	19.6	18.9	-5.9	314.9	316.8	0.6	40.5	14.9	109.0
22.1	63.6	6505.8	450.0	-22.1	-31.8	283.0	19.6	19.1	-4.4	315.5	317.5	0.6	40.5	14.9	109.0
23.5	66.8	6923.0	425.0	-26.2	-33.5	285.0	21.8	21.0	-5.6	315.5	317.3	0.5	49.8	16.6	108.0
25.2	70.3	7359.5	400.0	-28.9	-38.1	281.3	18.9	18.6	-3.7	317.4	316.6	0.4	40.4	18.6	107.0
26.9	73.3	7818.3	375.0	-31.9	-43.2	276.4	19.8	19.6	-2.2	319.4	320.1	0.2	31.1	20.6	107.0
28.8	77.8	8302.0	350.0	-35.9	-45.3	278.4	20.7	20.5	-3.0	320.2	320.9	0.2	37.3	22.7	106.0
30.5	81.3	8813.5	325.0	-39.9	-49.9	279.8	23.7	23.3	-4.0	321.6	320.9	99.9	99.9	25.1	105.0
32.5	85.5	9353.9	300.0	-44.6	-53.3	276.7	24.6	24.4	-2.9	322.5	320.9	99.9	99.9	28.0	105.0
34.5	89.8	9931.2	275.0	-48.6	-56.1	268.0	26.3	26.3	0.9	324.8	320.9	99.9	99.9	31.0	103.0
36.9	94.6	10550.6	250.0	-53.7	-59.4	268.0	25.0	25.0	0.9	326.2	320.9	99.9	99.9	34.5	102.0
39.1	99.3	11221.7	225.0	-58.1	-61.1	269.7	31.4	31.4	0.2	328.6	320.9	99.9	99.9	38.1	101.0
41.8	104.5	11977.7	200.0	-63.3	-64.6	274.7	33.7	33.6	-2.7	328.4	320.9	99.9	99.9	43.7	99.0
45.0	110.4	12836.6	175.0	-68.6	-68.6	280.9	40.2	39.5	-7.6	328.3	320.9	99.9	99.9	51.3	99.0
48.3	116.3	13806.4	150.0	-73.3	-73.3	276.1	19.8	19.6	-4.2	325.7	320.9	99.9	99.9	59.2	99.0
52.1	123.7	14977.1	125.0	-78.0	-78.0	279.7	33.6	33.1	-5.7	326.2	320.9	99.9	99.9	68.0	99.0
56.5	131.3	16263.5	100.0	-82.3	-82.3	272.9	25.8	25.8	-1.3	328.0	320.9	99.9	99.9	75.3	99.0
61.6	139.7	17939.1	75.0	-87.4	-87.4	268.0	21.2	20.3	-5.0	328.0	320.9	99.9	99.9	83.7	99.0
69.6	149.0	20340.4	50.0	-91.9	-91.9	261.8	13.5	13.4	-1.7	483.5	320.9	99.9	99.9	98.9	99.0
82.7	159.0	24599.3	25.0	-96.9	-96.9	272.1	10.6	10.6	-0.4	686.7	320.9	99.9	99.9	102.9	99.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	HF LGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	473.0	920.8	-3.3	-5.7	100.0	3.6	0.0	3.6	276.6	283.6	2.7	82.0	0.0	0.
99.9	99.9	49.0	1000.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	49.4	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	910.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	12.6	1055.7	900.0	0.5	-6.0	197.6	11.4	3.4	10.9	282.4	289.7	2.7	61.6	0.4	11.
1.5	14.7	1282.0	875.0	2.5	-15.3	199.6	13.2	4.4	12.4	286.6	290.4	1.3	25.4	1.0	17.
2.4	16.6	1516.5	850.0	1.6	-17.4	197.9	7.6	2.3	7.2	287.9	291.3	1.2	22.9	1.6	17.
3.1	18.3	1756.7	825.0	1.1	-9.0	232.5	6.4	5.1	3.9	290.1	296.4	2.3	45.0	1.9	19.
4.1	20.9	2304.4	800.0	1.5	-14.7	232.9	6.6	6.1	-2.6	293.0	297.4	1.5	28.5	2.1	20.
5.1	23.2	2860.2	775.0	1.6	-18.9	305.2	9.8	9.0	-5.6	297.2	301.1	1.3	24.6	2.2	56.
6.0	25.5	3523.9	750.0	0.4	-17.5	299.1	11.5	10.0	-6.4	300.2	304.5	1.4	26.2	2.7	71.
7.0	27.7	4735.6	725.0	0.5	-16.7	295.7	14.9	13.4	-6.4	301.8	306.5	1.6	30.2	3.5	83.
8.0	30.2	5076.7	700.0	-0.8	-16.1	294.4	16.6	15.2	-6.9	302.8	307.2	1.4	30.8	4.4	90.
9.0	32.7	5366.1	675.0	-2.7	-17.6	289.4	18.9	17.9	-6.3	304.3	308.8	1.5	34.5	5.6	93.
10.0	35.2	5644.4	650.0	-4.3	-17.6	284.7	20.9	20.2	-5.3	306.1	310.4	1.4	35.0	6.9	95.
11.1	37.7	5922.6	625.0	-5.7	-18.7	284.5	20.3	19.7	-5.1	309.4	313.7	1.2	33.5	8.2	97.
12.1	40.3	6202.9	600.0	-5.9	-19.4	289.1	18.6	17.6	-6.3	309.8	313.6	1.2	34.3	9.5	99.
13.4	42.9	6424.3	575.0	-8.8	-21.6	288.9	19.5	18.5	-6.3	310.4	314.2	1.2	42.3	10.9	100.
14.5	45.7	6657.0	550.0	-11.6	-21.9	291.9	20.7	19.2	-7.7	312.2	315.5	1.0	40.5	12.4	102.
15.8	48.4	6882.3	525.0	-13.6	-24.1	297.6	20.4	18.0	-9.4	316.2	316.2	0.9	42.7	13.9	104.
17.1	51.2	7091.4	500.0	-16.3	-26.0	290.4	22.0	20.5	-7.8	318.2	318.2	0.7	37.3	15.7	104.
18.3	54.3	7276.2	475.0	-18.0	-29.0	292.5	23.8	22.0	-9.1	317.0	318.9	0.5	33.5	17.7	106.
19.8	57.1	7498.1	450.0	-20.8	-32.7	298.0	22.9	20.3	-10.8	318.1	319.5	0.4	31.4	19.6	107.
21.2	60.4	7697.7	425.0	-24.1	-36.2	297.2	22.5	20.0	-10.3	320.7	321.2	0.1	21.4	25.7	108.
22.7	63.9	7837.1	400.0	-27.4	-39.4	291.3	24.0	22.3	-8.7	320.8	321.2	0.1	21.4	25.7	108.
24.2	67.1	7998.2	375.0	-30.9	-45.7	292.4	22.3	20.7	-8.5	320.8	321.2	0.1	21.4	25.7	108.
25.7	70.9	8281.3	350.0	-35.5	-49.8	294.1	21.1	19.3	-8.6	320.8	321.2	0.1	21.4	25.7	108.
27.2	74.7	8591.0	325.0	-40.4	-54.1	302.9	21.7	18.2	-11.8	320.8	321.2	0.1	21.4	25.7	108.
29.0	78.7	8934.3	300.0	-44.6	-59.9	309.6	23.5	16.1	-15.0	320.8	321.2	0.1	21.4	25.7	108.
30.9	82.3	9100.8	275.0	-49.1	-65.7	306.7	27.0	24.2	-12.1	321.1	321.2	0.1	21.4	25.7	108.
33.0	87.2	10528.5	250.0	-54.4	-69.9	296.6	29.1	27.9	-8.3	325.2	325.2	0.1	21.4	25.7	108.
35.2	92.2	11166.4	225.0	-58.4	-74.9	282.3	33.9	33.1	-7.2	329.1	329.1	0.1	21.4	25.7	108.
37.8	97.4	11941.9	200.0	-56.4	-74.9	280.0	34.8	34.8	-6.1	333.5	333.5	0.1	21.4	25.7	108.
40.5	103.0	12742.3	175.0	-55.0	-74.9	278.4	37.2	36.8	-5.4	339.2	339.2	0.1	21.4	25.7	108.
43.6	109.5	13769.9	150.0	-58.3	-74.9	271.1	41.7	41.7	-0.8	347.7	347.7	0.1	21.4	25.7	108.
47.2	116.3	14904.2	125.0	-63.6	-74.9	266.4	39.7	34.2	-10.1	359.8	359.8	0.1	21.4	25.7	108.
50.9	123.0	16262.2	100.0	-69.5	-74.9	260.9	31.3	30.7	-5.9	365.4	365.4	0.1	21.4	25.7	108.
55.5	134.5	17775.6	75.0	-71.2	-74.9	253.6	42.2	21.6	-5.2	423.7	423.7	0.1	21.4	25.7	108.
62.6	146.3	20421.3	50.0	-66.5	-74.9	249.8	11.7	11.7	0.0	466.8	466.8	0.1	21.4	25.7	108.
75.5	155.1	24673.7	25.0	-61.8	-74.9	291.6	12.7	11.4	-4.5	607.3	607.3	0.1	21.4	25.7	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 304  
MATTERAS, NC

7 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

150 23. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDT Y DG K	E POT Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	4.0	1008.4	7.9	4.8	330.0	6.2	3.1	-5.4	281.1	294.9	5.4	81.0	0.0	0.
0.3	5.9	72.9	1000.0	6.5	3.2	999.9	99.9	99.9	99.9	280.2	292.6	4.8	79.3	999.9	999.
1.1	8.0	280.0	975.0	4.2	2.6	999.9	99.9	99.9	99.9	280.0	292.2	4.7	88.9	999.9	999.
1.9	10.3	491.0	950.0	2.5	1.9	999.9	99.9	99.9	99.9	280.3	292.3	4.6	95.9	999.9	999.
2.6	12.4	706.6	925.0	1.6	1.2	999.9	99.9	99.9	99.9	281.5	293.2	4.5	96.8	999.9	999.
3.5	14.6	927.3	900.0	1.0	-0.7	999.9	99.9	99.9	99.9	283.0	293.7	4.0	88.8	999.9	999.
4.2	16.7	1153.9	875.0	0.6	-4.5	999.9	99.9	99.9	99.9	284.8	293.2	3.1	88.8	999.9	999.
5.1	19.2	1388.1	850.0	-0.7	-8.1	999.9	99.9	99.9	99.9	285.7	292.5	2.5	57.3	999.9	999.
5.9	21.4	1624.2	825.0	-1.5	-13.4	269.9	32.2	32.2	0.0	287.3	292.1	1.7	41.8	4.1	145.
6.7	23.8	1859.3	800.0	-1.4	-35.0	274.3	25.4	25.3	-1.9	289.6	290.5	0.3	6.8	5.1	134.
7.6	26.1	2121.7	775.0	-2.0	-39.2	287.1	23.2	23.2	1.3	291.7	293.1	0.4	10.3	6.1	129.
8.4	28.7	2381.7	750.0	-3.2	-36.2	281.6	24.6	24.4	3.6	293.1	294.0	0.3	6.9	7.0	119.
9.3	31.2	2659.0	725.0	-5.0	-36.5	257.5	24.9	24.3	5.4	294.0	294.8	0.2	6.3	8.1	113.
10.2	33.8	2923.9	700.0	-6.6	-39.1	256.6	24.5	25.7	6.1	295.2	295.8	0.2	5.4	9.3	108.
11.2	36.3	3207.1	675.0	-8.4	-40.7	253.5	26.7	25.6	7.6	296.2	296.8	0.2	5.3	10.7	103.
12.3	39.1	3498.5	650.0	-10.7	-45.0	250.9	28.2	26.7	9.2	296.8	297.2	0.1	4.0	12.2	99.
13.3	41.7	3799.0	625.0	-12.5	-42.4	248.5	33.9	31.5	12.4	298.1	298.6	0.1	6.1	13.8	95.
14.3	44.6	4110.3	600.0	-13.4	-42.4	242.4	37.4	33.2	17.3	300.6	301.1	0.1	6.6	15.7	91.
15.3	47.4	4432.6	575.0	-15.6	-45.9	239.6	38.7	33.4	19.6	301.6	302.0	0.1	5.4	17.7	87.
16.4	50.4	4767.6	550.0	-15.8	-48.2	244.1	43.9	39.5	19.1	305.3	305.6	0.1	4.2	20.2	84.
17.6	53.4	5117.8	525.0	-16.3	-48.7	246.6	52.1	47.8	20.6	308.8	309.1	0.1	4.1	23.4	81.
18.7	56.1	5484.9	500.0	-16.3	-42.3	244.7	61.5	55.6	26.2	313.2	313.8	0.2	8.5	27.2	79.
19.8	59.3	5869.5	475.0	-18.5	-40.1	242.2	62.4	55.2	29.1	315.1	315.9	0.2	12.8	31.3	77.
21.1	62.6	6270.8	450.0	-21.3	-42.1	241.5	61.2	53.8	29.2	316.4	317.2	0.2	13.2	35.7	75.
22.4	65.8	6689.8	425.0	-24.5	-42.0	242.0	60.1	53.1	28.2	317.6	318.4	0.2	17.8	40.5	74.
23.8	69.4	7129.3	400.0	-26.4	-45.1	242.5	64.6	57.3	29.8	320.7	321.3	0.2	15.0	45.6	72.
25.3	72.9	7592.3	375.0	-30.3	99.9	241.7	69.4	61.1	32.9	321.4	321.5	99.9	99.9	51.4	71.
26.8	76.8	8079.2	350.0	-34.3	99.9	238.8	67.3	57.5	34.9	322.5	322.5	99.9	99.9	57.5	70.
28.5	80.6	8593.4	325.0	-38.6	99.9	239.4	70.7	68.6	40.6	323.5	323.5	99.9	99.9	64.9	69.
30.3	84.8	9138.4	300.0	-43.1	99.9	236.9	58.9	68.2	33.9	324.6	324.6	99.9	99.9	73.0	67.
32.2	89.0	9717.6	275.0	-48.3	99.9	236.1	64.2	53.3	35.8	325.0	325.0	99.9	99.9	79.5	66.
34.2	93.8	10337.2	250.0	-54.0	99.9	999.9	99.9	99.9	99.9	325.8	325.8	99.9	99.9	999.9	999.
36.2	98.6	11004.7	225.0	-59.6	99.9	999.9	99.9	99.9	99.9	321.2	321.2	99.9	99.9	999.9	999.
38.4	103.8	11738.7	200.0	-56.0	99.9	999.9	99.9	99.9	99.9	344.1	344.1	99.9	99.9	999.9	999.
40.9	109.8	12591.6	175.0	-58.9	99.9	999.9	99.9	99.9	99.9	352.7	352.7	99.9	99.9	999.9	999.
43.8	115.6	13549.8	150.0	-59.3	99.9	999.9	99.9	99.9	99.9	367.9	367.9	99.9	99.9	999.9	999.
47.4	122.7	14683.2	125.0	-61.4	99.9	999.9	99.9	99.9	99.9	383.8	383.8	99.9	99.9	999.9	999.
51.5	130.3	16059.6	100.0	-62.8	99.9	999.9	99.9	99.9	99.9	406.4	406.4	99.9	99.9	999.9	999.
56.6	138.0	17818.4	75.0	-64.8	99.9	999.9	99.9	99.9	99.9	437.2	437.2	99.9	99.9	999.9	999.
62.8	145.5	20323.3	50.0	-64.7	99.9	999.9	99.9	99.9	99.9	491.3	491.3	99.9	99.9	999.9	999.
72.7	153.3	24597.5	25.0	-61.3	99.9	999.9	99.9	99.9	99.9	608.9	608.9	99.9	99.9	999.9	999.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA7 FEBRUARY 1972  
1115 GMT

TIME MIN	CNTCT	W <sup>2</sup> LGMT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00.0	99.9	444.0	985.8	0.4	-4.0	270.0	6.7	6.7	0.0	275.0	282.5	2.9	72.0	0.0	0.0
00.3	99.9	99.9	1000.0	99.9	99.9	270.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.7	334.6	975.0	-0.5	-4.7	287.2	8.5	8.1	-2.5	275.0	282.0	2.8	73.2	0.2	94.0
1.0	11.2	541.3	950.0	-2.6	-5.4	298.1	12.8	11.3	-6.0	274.9	282.0	2.7	81.2	0.8	110.0
1.7	13.5	752.1	925.0	-4.7	-5.4	301.6	16.0	13.6	-8.4	274.9	282.0	2.6	94.7	1.4	114.0
2.3	15.6	987.1	900.0	-6.7	-7.8	304.8	14.0	1.5	-8.0	274.9	281.6	2.6	100.6	2.0	117.0
3.2	17.9	1190.1	875.0	-0.6	-11.2	303.7	13.0	10.8	-7.2	263.4	280.5	1.9	44.5	2.6	119.0
4.0	20.2	1421.8	850.0	-0.6	-12.5	298.7	13.0	11.4	-6.3	285.7	290.5	1.7	40.1	3.3	120.0
4.7	22.5	1650.1	825.0	-1.5	-14.0	292.9	13.1	12.1	-5.1	287.3	291.7	1.6	37.6	3.9	119.0
5.5	24.9	1904.3	800.0	-3.3	-16.4	282.9	11.8	11.5	-2.6	287.8	291.6	1.3	35.6	4.4	118.0
6.4	27.3	2154.7	775.0	-5.1	-17.7	276.6	10.8	10.8	-1.2	288.5	292.0	1.2	36.3	5.0	115.0
7.1	29.8	2411.7	750.0	-6.6	-21.0	273.7	11.7	11.7	-0.6	289.5	292.3	1.0	30.8	5.5	114.0
8.1	32.5	2675.9	725.0	-7.7	-28.2	274.5	14.5	14.4	-1.1	291.0	292.6	0.5	17.5	6.2	111.0
9.1	35.2	2948.5	700.0	-8.5	-31.4	275.5	16.8	16.7	-1.6	293.1	294.3	0.4	13.6	7.1	109.0
10.0	37.6	3230.1	675.0	-9.7	-32.3	277.4	18.6	18.4	-2.4	294.9	296.0	0.4	13.7	8.0	107.0
11.0	40.3	3520.2	650.0	-11.8	-34.1	277.1	19.1	18.9	-2.4	295.6	296.6	0.3	13.6	9.1	106.0
11.9	43.0	3819.6	625.0	-12.8	-33.8	274.0	18.9	18.4	-1.3	297.8	298.9	0.3	15.2	10.2	105.0
13.0	45.9	4130.7	600.0	-13.5	-34.0	274.8	21.0	20.9	-1.7	300.5	301.7	0.4	15.8	11.3	104.0
14.1	48.8	4453.1	575.0	-16.0	-35.6	275.2	23.3	23.2	-2.1	301.3	302.3	0.3	15.5	13.0	103.0
15.3	51.6	4786.4	550.0	-18.6	-38.5	275.0	23.5	23.4	-2.4	302.0	302.8	0.2	15.4	14.7	102.0
16.6	54.6	5131.6	525.0	-21.2	-40.2	273.3	26.8	26.8	-1.6	303.0	303.7	0.2	16.0	16.5	101.0
17.7	57.6	5490.1	500.0	-23.4	-41.6	265.9	28.2	28.2	-2.0	304.5	305.2	0.2	16.4	18.7	100.0
19.1	61.0	5863.7	475.0	-25.6	-43.2	264.4	35.6	35.4	3.4	306.3	306.9	0.2	17.3	21.0	98.0
20.4	64.3	6254.3	450.0	-28.1	-45.3	262.8	35.7	35.4	4.5	307.8	308.4	0.1	17.3	23.0	97.0
21.7	67.6	6652.3	425.0	-30.8	-48.1	260.8	45.2	44.7	7.2	309.5	309.8	0.1	16.3	24.6	95.0
23.2	70.9	7090.8	400.0	-33.0	-49.6	257.6	44.3	43.3	9.6	312.1	312.4	0.1	16.9	30.9	93.0
24.8	74.6	7541.4	375.0	-36.4	-52.0	256.1	44.0	42.7	10.6	313.3	313.6	0.1	18.0	35.0	91.0
26.4	78.5	8017.9	350.0	-38.0	-53.1	257.0	56.7	55.2	12.8	317.4	317.7	0.1	18.5	39.4	89.0
28.2	82.3	8527.0	325.0	-39.8	-59.9	253.7	67.24	64.5	18.9	321.7	321.7	99.9	99.9	45.9	87.0
30.3	86.4	9059.2	300.0	-44.2	-69.9	250.1	82.84	59.0	21.4	323.0	323.0	99.9	99.9	54.0	85.0
32.3	90.8	9646.3	275.0	-48.5	-69.9	251.2	83.04	49.1	20.3	324.9	324.9	99.9	99.9	62.0	83.0
34.6	95.3	10271.0	250.0	-50.8	-69.9	246.8	53.56	49.1	21.1	330.6	330.6	99.9	99.9	69.8	82.0
36.6	100.2	10954.4	225.0	-53.9	-69.9	254.1	75.14	72.2	20.6	335.9	335.9	99.9	99.9	77.8	80.0
38.4	105.4	11712.4	200.0	-52.4	-69.9	254.9	50.94	49.1	13.3	349.7	349.7	99.9	99.9	88.8	80.0
42.5	111.0	12570.2	175.0	-54.4	-69.9	256.5	69.54	67.5	16.3	360.2	360.2	99.9	99.9	99.8	79.0
46.0	117.0	13532.1	150.0	-57.3	-69.9	253.5	44.74	42.9	12.7	371.3	371.3	99.9	99.9	113.0	79.0
49.8	124.3	14695.8	125.0	-61.5	-69.9	257.3	63.368	61.8	14.0	383.6	383.6	99.9	99.9	123.8	79.0
54.7	131.7	16065.7	100.0	-64.3	-69.9	259.9	99.9	99.9	99.9	403.5	403.5	99.9	99.9	99.9	99.9
60.6	139.8	17831.7	75.0	-62.9	-69.9	259.9	99.9	99.9	99.9	461.1	461.1	99.9	99.9	99.9	99.9
66.7	148.3	20330.0	50.0	-62.4	-69.9	253.6	47.14	45.2	13.3	496.6	496.6	99.9	99.9	164.7	79.0
81.1	157.7	24608.5	25.0	-61.3	-69.9	260.9	33.24	32.8	5.3	608.9	608.9	99.9	99.9	183.0	79.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
1131 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE NM	AZ DG
0.0	7.6	275.0	980.4	0.0	-3.4	300.0	4.1	3.6	-2.0	275.1	283.0	3.0	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.2	319.4	975.6	0.8	-6.9	315.6	11.0	7.7	-7.9	276.2	282.4	2.3	56.5	0.2	132.
0.9	10.5	527.6	950.0	-0.3	-7.1	316.1	10.8	7.5	-7.8	277.2	283.4	2.4	60.1	0.5	136.
1.7	12.7	740.4	925.0	-2.5	-7.7	320.7	9.3	5.9	-7.2	277.0	283.1	2.3	67.8	1.0	136.
2.4	15.2	957.0	900.0	-4.8	-7.7	327.9	8.7	4.6	-7.3	276.9	283.2	2.4	80.0	1.4	138.
3.1	17.4	1178.1	875.6	-6.6	-7.8	327.5	10.6	5.7	-8.9	277.2	283.7	2.4	91.2	1.8	141.
4.0	20.0	1403.9	850.0	-7.8	-12.4	313.0	13.0	9.5	-8.9	278.2	282.9	1.7	69.3	2.3	141.
4.8	22.3	1637.7	825.0	-4.5	-13.9	305.8	15.2	12.3	-8.9	284.0	289.5	1.6	47.5	3.0	138.
5.5	24.9	1880.0	800.0	-4.2	-13.1	296.9	17.5	15.6	-7.9	286.9	291.8	1.7	49.9	3.7	135.
6.2	27.3	2130.0	775.0	-5.4	-15.6	288.3	19.0	18.1	-6.0	288.1	292.3	1.5	44.3	4.4	131.
7.0	30.0	2386.3	750.0	-7.0	-17.4	278.2	18.4	18.2	-2.6	289.1	292.8	1.3	43.2	5.2	127.
7.9	32.7	2649.9	725.0	-9.0	-19.7	265.9	18.2	18.2	1.3	289.7	292.9	1.1	41.3	6.1	121.
8.8	35.4	2920.8	700.0	-10.8	-22.4	263.3	19.2	19.1	2.2	290.6	293.3	0.9	37.8	6.8	116.
9.6	38.1	3199.0	675.0	-13.0	-25.7	263.4	20.2	20.0	2.3	291.2	293.3	0.7	33.5	7.7	112.
10.4	40.8	3485.8	650.0	-14.9	-31.6	263.2	20.8	20.6	2.5	292.2	293.5	0.4	22.3	8.6	109.
11.3	43.8	3781.4	625.0	-16.7	-36.9	266.7	22.5	22.4	1.3	293.3	294.1	0.3	19.4	9.6	106.
12.3	46.7	4067.0	600.0	-18.6	-38.7	269.8	25.0	25.0	0.1	294.6	295.4	0.2	14.9	11.0	104.
13.4	49.8	4622.9	575.0	-21.0	-38.9	273.6	26.7	26.6	-1.7	295.4	296.1	0.2	10.2	12.6	102.
14.5	52.6	4731.1	550.0	-21.3	-39.4	276.6	29.7	29.5	-3.4	298.8	299.5	0.2	17.6	14.6	101.
15.8	55.7	5072.7	525.0	-24.0	-41.5	276.8	31.4	31.2	-3.7	299.6	300.2	0.2	17.8	16.9	101.
17.1	58.9	5426.5	500.0	-26.9	-43.9	277.1	34.5	34.2	-4.3	300.2	300.7	0.2	18.0	19.4	100.
18.4	62.3	5794.5	475.0	-29.6	-46.1	276.4	36.0	35.8	-4.0	301.3	301.7	0.1	18.2	22.2	100.
19.6	65.6	6178.3	450.0	-32.3	-48.3	270.0	36.5	36.5	-0.0	302.6	303.0	0.1	18.4	24.8	99.
21.0	69.0	6579.2	425.0	-34.2	-49.6	265.1	46.1	45.9	4.0	305.2	305.5	0.1	18.6	28.1	98.
22.6	72.4	7003.4	400.0	-34.6	-50.1	259.2	53.1	52.2	10.0	310.0	310.3	0.1	18.6	32.5	96.
24.3	76.3	7451.3	375.0	-38.1	-53.1	253.5	57.1	54.8	16.2	311.0	311.3	0.1	18.9	38.0	93.
25.9	80.3	7923.5	350.0	-40.7	-59.9	248.6	57.9	53.9	21.2	313.9	313.9	99.9	99.9	43.4	90.
27.7	84.2	8425.5	325.0	-42.9	-59.9	250.0	63.6	59.8	21.6	317.6	317.6	99.9	99.9	49.5	87.
29.7	88.3	8962.9	300.0	-45.0	-59.9	247.8	72.9	67.5	27.5	322.0	322.0	99.9	99.9	57.7	85.
31.9	92.8	9539.1	275.0	-49.2	-59.9	245.8	73.6	66.9	30.1	324.0	324.0	99.9	99.9	68.4	82.
34.4	97.4	10162.0	250.0	-50.2	-59.9	99.9	99.9	99.9	99.9	331.5	331.5	99.9	99.9	99.9	99.9
36.8	102.3	10848.7	225.0	-51.6	-59.9	99.9	99.9	99.9	99.9	339.5	339.5	99.9	99.9	99.9	99.9
39.9	107.8	11612.5	200.0	-51.8	-59.9	99.9	99.9	99.9	99.9	350.8	350.8	99.9	99.9	99.9	99.9
43.2	113.5	12474.5	175.0	-54.1	-59.9	99.9	99.9	99.9	99.9	360.6	360.6	99.9	99.9	99.9	99.9
46.9	120.0	13459.7	150.0	-55.7	-59.9	99.9	99.9	99.9	99.9	374.2	374.2	99.9	99.9	99.9	99.9
51.0	127.0	14610.1	125.0	-59.2	-59.9	99.9	99.9	99.9	99.9	387.8	387.8	99.9	99.9	99.9	99.9
56.4	135.3	16000.6	100.0	-61.9	-59.9	99.9	99.9	99.9	99.9	408.2	408.2	99.9	99.9	99.9	99.9
62.6	143.3	17795.2	75.0	-60.9	-59.9	99.9	99.9	99.9	99.9	445.3	445.3	99.9	99.9	99.9	99.9
70.6	153.0	20302.1	50.0	-62.3	-59.9	99.9	99.9	99.9	99.9	496.7	496.7	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
 NASHVILLE, TENN

 7 FEBRUARY 1975  
 1115 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0-0	4-7	180-0	1011-6	-6-5	-10-5	340-0	3-6	1-2	-3-4	266-7	271-2	1-7	73-0	0-0	0-
0-1	4-8	192-5	1000-0	-6-5	-10-5	320-0	4-1	2-1	-3-5	266-9	271-3	1-7	73-1	0-0	51-
0-9	6-6	350-7	975-0	-8-8	-12-2	300-9	9-7	4-4	-3-6	266-5	270-5	1-5	76-5	0-2	142-
1-6	8-7	590-3	950-0	-10-7	-11-9	297-9	6-8	6-0	-3-2	266-5	270-7	1-6	90-6	0-5	131-
2-3	10-7	794-8	925-0	-12-7	-12-9	289-1	7-1	6-7	-2-3	266-5	270-5	1-5	98-6	0-8	125-
3-0	12-8	1003-1	900-0	-14-4	-14-7	290-1	7-2	6-8	-2-5	266-8	270-3	1-4	97-9	1-1	119-
3-7	15-0	1217-2	875-0	-13-3	-27-0	303-6	7-0	5-8	-3-9	270-0	271-4	0-5	30-2	1-4	119-
4-5	17-1	1437-7	850-0	-13-4	-25-9	299-7	10-7	9-3	-5-3	272-0	273-5	0-5	34-4	1-0	120-
5-3	19-4	1665-1	825-0	-12-8	-15-5	293-3	12-3	11-3	-4-9	275-3	279-1	1-4	79-9	2-4	119-
6-1	21-5	1900-3	800-0	-12-3	-15-6	292-7	13-9	12-9	-5-4	278-2	282-0	1-4	75-4	3-0	118-
7-0	23-9	2143-0	775-0	-11-8	-22-6	292-5	13-2	12-1	-5-3	281-2	282-1	0-3	15-8	3-7	117-
7-9	26-1	2394-4	750-0	-11-5	-22-8	292-3	10-3	10-1	-6-2	284-2	286-5	0-8	38-5	4-5	116-
8-7	28-6	2653-9	725-0	-12-2	-22-2	294-2	12-7	10-2	-7-3	286-2	287-2	0-3	16-9	5-4	115-
9-6	31-2	2922-0	700-0	-12-6	-21-6	294-4	19-0	17-3	-7-9	289-6	289-8	0-4	18-2	6-5	115-
10-7	33-8	3198-6	675-0	-14-6	-20-6	297-2	19-9	17-7	-9-1	290-3	290-8	0-5	26-6	7-6	115-
11-7	36-2	3483-5	650-0	-16-5	-20-4	295-2	22-1	20-0	-9-4	290-3	291-7	0-5	28-7	8-8	114-
12-7	38-9	3777-6	625-0	-17-8	-22-2	287-9	23-7	22-6	-7-3	292-1	293-4	0-4	26-9	10-2	115-
13-6	41-4	4082-0	600-0	-19-8	-23-4	285-3	23-8	23-0	-6-3	293-3	294-4	0-4	28-3	11-5	114-
14-6	44-4	4396-4	575-0	-22-2	-24-7	289-9	27-4	26-2	-8-0	293-9	295-1	0-3	31-0	12-9	113-
15-6	47-3	4721-7	550-0	-24-4	-26-8	282-3	28-3	27-6	-6-0	295-1	296-0	0-3	30-6	14-8	112-
16-6	50-2	5058-8	525-0	-27-2	-29-9	276-2	28-9	28-7	-2-9	295-7	296-5	0-2	31-7	16-6	111-
17-9	53-2	5408-5	500-0	-30-1	-31-0	279-4	27-9	27-5	-4-6	296-3	297-0	0-2	33-3	18-3	109-
19-2	56-1	5771-9	475-0	-32-4	-32-9	276-8	28-6	28-2	-4-9	297-8	298-4	0-2	34-2	20-5	108-
20-6	59-4	6151-2	450-0	-35-1	-37-6	276-0	31-1	30-9	-3-3	299-1	299-7	0-2	41-1	23-0	107-
22-1	62-9	6547-1	425-0	-38-1	-47-0	275-5	35-1	35-0	-2-7	300-2	300-6	0-1	38-0	25-9	106-
23-5	66-0	6961-2	400-0	-41-5	99-9	276-5	35-8	35-5	-0-3	301-1	301-9	99-9	99-9	28-8	104-
25-1	69-7	7395-7	375-0	-45-4	99-9	268-1	35-1	35-0	2-4	301-6	301-9	99-9	99-9	32-0	103-
26-7	73-3	7853-7	350-0	-47-8	99-9	268-4	37-5	37-4	1-1	304-3	304-9	99-9	99-9	35-4	101-
28-5	77-3	8342-6	325-0	-49-1	99-9	270-6	38-9	38-9	-0-4	310-4	309-9	99-9	99-9	39-5	100-
30-5	81-3	8868-6	300-0	-49-1	99-9	275-0	40-8	40-8	-1-4	316-2	309-9	99-9	99-9	44-1	99-
32-6	85-0	9439-3	275-0	-49-2	99-9	269-1	43-4	43-4	0-7	323-9	309-9	99-9	99-9	49-4	98-
35-0	90-2	10060-4	250-0	-40-5	99-9	260-0	41-8	41-7	2-9	333-9	309-9	99-9	99-9	55-7	97-
37-5	95-3	10758-1	225-0	-50-0	99-9	266-2	40-7	40-7	1-5	341-9	309-9	99-9	99-9	62-0	96-
40-2	100-5	11525-2	200-0	-51-0	99-9	270-2	40-0	40-0	-0-2	352-0	309-9	99-9	99-9	68-0	95-
43-4	106-5	12391-6	175-0	-52-9	99-9	262-0	37-1	36-8	5-1	362-5	309-9	99-9	99-9	77-3	94-
47-0	112-0	13308-1	150-0	-50-0	99-9	265-5	42-3	42-1	3-3	375-4	309-9	99-9	99-9	87-0	93-
51-3	120-3	14534-0	125-0	-58-8	99-9	265-1	45-0	47-3	4-0	388-5	309-9	99-9	99-9	97-6	92-
56-1	126-7	15916-0	100-0	-64-1	99-9	267-4	45-0	48-0	1-9	403-9	309-9	99-9	99-9	108-9	91-
62-1	130-0	17602-2	75-0	-61-6	99-9	258-1	28-9	28-2	6-0	433-7	309-9	99-9	99-9	120-7	91-
70-5	148-5	20195-2	50-0	-63-5	99-9	259-8	27-1	26-7	4-9	453-9	309-9	99-9	99-9	132-9	90-
83-1	189-5	24440-4	25-0	-65-0	99-9	265-1	36-9	36-0	3-2	603-8	309-9	99-9	99-9	181-2	89-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
1115 GMT

190 37. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD CM/KG	RH PCY	RANGE KM	AZ DEG
0.0	5.4	79.0	1017.3	-7.8	-11.6	340.0	2.1	0.7	-2.0	264.2	269.2	1.5	74.0	0.0	0.
0.3	6.8	212.6	1000.0	-7.7	-14.8	162.4	3.0	-1.1	3.6	265.6	269.8	1.2	56.6	0.4	159.
1.0	9.0	409.0	975.0	-9.4	-14.2	39.8	0.3	-0.2	-0.2	265.9	269.3	1.3	67.9	0.3	157.
1.6	11.4	609.3	950.0	-10.9	-14.7	355.3	4.0	0.3	-4.0	266.3	269.7	1.3	73.2	0.5	162.
2.3	13.4	814.2	925.0	-10.7	-31.4	5.8	4.7	-0.5	-4.7	266.4	269.8	0.3	18.3	0.6	167.
3.0	15.4	1025.2	900.0	-9.6	-30.0	337.8	7.8	2.9	-7.2	271.7	272.7	0.3	17.0	0.9	170.
3.8	17.9	1244.5	875.0	-4.4	-23.9	321.3	13.6	6.5	-10.6	279.2	281.1	0.6	20.3	1.3	162.
4.5	20.3	1472.6	850.0	-5.5	-29.1	314.2	16.1	11.6	-11.3	280.4	281.7	0.4	14.1	1.9	154.
5.3	22.6	1706.4	825.0	-5.8	-34.6	311.1	15.9	12.0	-10.5	282.5	283.3	0.2	8.1	2.7	148.
6.0	25.1	1947.7	800.0	-5.4	-35.2	311.7	17.5	13.1	-11.6	285.4	286.1	0.2	7.4	3.4	144.
6.8	27.3	2196.5	775.0	-6.2	-34.7	312.8	19.5	14.3	-13.2	287.2	288.0	0.3	8.3	4.2	142.
7.7	30.0	2452.1	750.0	-7.8	-29.4	313.6	21.2	15.4	-14.6	288.2	289.5	0.4	15.8	5.3	139.
8.6	32.6	2714.8	725.0	-9.7	-29.1	314.5	22.4	16.0	-15.7	288.9	290.4	0.5	18.7	6.5	139.
9.5	35.3	2984.9	700.0	-11.0	-32.7	316.0	23.8	16.3	-17.1	290.3	291.4	0.4	15.0	7.7	138.
10.3	37.6	3264.8	675.0	-10.5	-29.1	317.0	23.7	16.1	-17.3	293.9	295.5	0.5	20.2	9.0	138.
11.2	40.4	3554.3	650.0	-12.3	-30.3	317.5	22.9	15.5	-16.9	295.1	296.6	0.5	20.6	10.2	138.
12.1	43.1	3853.1	625.0	-14.0	-32.5	318.3	23.5	15.6	-17.5	296.5	297.7	0.4	19.1	11.4	138.
13.1	46.0	4162.2	600.0	-15.0	-35.6	316.6	25.5	17.5	-18.5	294.7	299.7	0.3	15.3	12.8	138.
14.1	48.8	4483.0	575.0	-16.4	-37.6	310.5	26.7	20.3	-17.3	300.8	301.6	0.3	13.9	14.4	138.
15.1	51.8	4815.9	550.0	-19.0	-41.2	306.5	26.2	21.1	-15.6	301.5	302.1	0.2	11.9	16.1	136.
16.3	54.9	5159.9	525.0	-22.1	-43.3	310.4	25.8	19.7	-16.7	301.8	302.3	0.2	12.5	17.8	136.
17.4	57.8	5517.8	500.0	-23.2	-44.1	307.3	28.6	22.8	-17.3	304.6	305.3	0.1	12.6	19.6	135.
18.7	61.1	5912.6	475.0	-26.2	-46.3	298.3	30.3	26.6	-14.3	305.5	305.9	0.1	13.0	21.8	134.
20.0	64.6	6279.9	450.0	-29.4	-48.5	298.7	33.2	29.1	-16.0	306.3	306.7	0.1	13.6	24.3	132.
21.3	67.9	6665.8	425.0	-32.2	-51.2	298.1	29.0	25.6	-13.7	307.7	308.0	0.1	13.1	26.8	131.
22.7	71.1	7110.3	400.0	-35.8	-53.9	297.6	30.7	27.2	-14.2	308.4	308.6	0.1	13.5	29.1	130.
24.2	74.8	7555.7	375.0	-39.6	-56.9	297.3	30.7	27.3	-14.1	309.5	309.9	0.1	99.9	31.9	129.
25.7	78.7	8024.9	350.0	-42.6	-59.9	299.1	29.9	26.1	-14.5	311.3	309.9	0.1	99.9	34.6	128.
27.6	82.7	8521.5	325.0	-45.9	-59.9	291.9	34.8	32.3	-13.0	313.4	309.9	0.1	99.9	37.9	127.
29.3	86.6	9050.8	300.0	-48.4	-59.9	295.6	40.2	36.2	-17.3	317.2	309.9	0.1	99.9	41.8	125.
31.1	91.8	9621.6	275.0	-50.1	-59.9	292.8	38.7	35.7	-15.0	322.6	309.9	0.1	99.9	46.1	125.
33.1	95.7	10242.6	250.0	-51.0	-59.9	284.0	39.9	38.8	-14.7	330.3	309.9	0.1	99.9	50.4	123.
35.3	100.5	10929.5	225.0	-50.9	-59.9	286.3	50.2	48.2	-14.1	340.5	309.9	0.1	99.9	55.9	121.
37.7	105.8	11694.2	200.0	-52.4	-59.9	284.6	51.9	50.3	-13.1	349.5	309.9	0.1	99.9	63.4	119.
40.7	111.5	12556.2	175.0	-52.9	-59.9	275.0	50.2	50.0	-14.4	362.6	309.9	0.1	99.9	70.8	117.
43.9	117.7	13541.8	150.0	-57.6	-59.9	276.2	44.5	44.3	-16.8	370.9	309.9	0.1	99.9	79.8	115.
47.8	124.8	14664.7	125.0	-61.3	-59.9	277.6	46.2	45.8	-21.1	384.0	309.9	0.1	99.9	89.9	113.
52.5	132.3	15861.6	100.0	-65.0	-59.9	274.4	33.9	33.7	-3.6	402.2	309.9	0.1	99.9	101.3	111.
58.7	140.3	17813.9	75.0	-65.4	-59.9	281.5	35.5	34.8	-7.1	435.7	309.9	0.1	99.9	113.1	110.
66.5	149.3	20290.5	50.0	-62.7	-59.9	276.1	10.1	10.8	-1.1	495.9	309.9	0.1	99.9	128.5	108.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
 MONETTE, MO

 7 FEBRUARY 1975  
 1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.3	438.0	970.9	-12.9	-15.3	220.0	2.6	1.7	2.0	262.6	245.7	1.2	82.0	0.0	0.
0.0	99.9	1000.0	970.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	99.9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	0.2	604.8	950.0	-10.8	-15.6	99.9	99.9	99.9	99.9	266.4	269.6	1.2	67.2	999.9	999.9
1.4	10.2	810.0	925.0	-10.4	-19.2	999.9	99.9	99.9	99.9	269.8	271.3	0.9	49.5	999.9	999.9
2.0	12.2	1021.3	900.0	-9.7	-27.6	209.4	7.1	6.6	-3.0	271.6	272.9	0.4	21.6	0.9	88.
2.8	14.4	1239.8	875.0	-7.5	-20.6	315.3	11.2	7.9	-7.9	276.1	278.4	0.8	34.4	1.3	100.
3.4	16.4	1466.1	850.0	-6.1	-24.1	324.2	14.3	6.4	-11.6	279.8	281.8	0.7	23.8	1.7	111.
4.2	18.7	1699.4	825.0	-7.1	-20.9	322.7	17.5	10.6	-13.9	281.2	283.8	0.9	32.1	2.4	121.
5.1	20.8	1939.0	800.0	-8.0	-28.5	319.8	17.5	11.3	-13.3	282.6	284.0	0.5	17.7	3.3	127.
5.9	23.1	2195.2	775.0	-8.3	-32.9	323.4	17.3	10.3	-13.9	284.9	285.8	0.3	11.6	4.1	129.
6.8	25.5	2400.2	750.0	-8.0	-28.0	324.0	21.4	12.6	-17.3	288.0	289.5	0.5	18.1	5.2	133.
7.7	27.8	2702.6	725.0	-9.7	-27.8	320.4	23.2	14.8	-17.9	289.9	290.5	0.5	21.1	6.4	134.
8.6	30.3	2972.6	700.0	-11.5	-29.7	317.9	23.2	15.6	-17.2	289.8	291.3	0.5	20.4	7.6	135.
9.5	32.6	3251.4	675.0	-11.4	-29.8	316.8	24.2	16.5	-17.6	292.9	294.4	0.5	20.2	8.9	135.
10.5	35.3	3500.1	650.0	-12.8	-25.7	314.9	23.2	16.4	-16.4	294.6	296.8	0.7	32.8	10.3	136.
11.5	37.8	3838.5	625.0	-14.3	-28.1	314.8	22.5	16.0	-15.9	296.1	298.0	0.6	29.8	11.7	135.
12.6	40.5	4147.1	600.0	-16.1	-30.7	316.2	24.0	16.6	-17.3	297.5	299.0	0.5	27.1	13.2	135.
13.7	43.1	4406.4	575.0	-17.5	-33.3	315.6	22.3	15.6	-16.0	299.6	300.8	0.4	23.4	14.9	135.
14.9	46.0	4798.5	550.0	-19.0	-36.1	316.8	20.8	17.0	-18.1	301.5	302.5	0.3	20.3	16.4	136.
16.2	49.0	5143.1	525.0	-22.1	-38.7	313.5	25.7	18.6	-17.7	301.8	302.7	0.3	20.5	18.4	136.
17.5	51.8	5500.2	500.0	-24.7	-40.3	314.7	25.9	18.4	-18.2	303.9	303.6	0.2	21.9	20.3	135.
18.6	54.9	5871.0	475.0	-28.0	-43.0	311.0	27.0	20.3	-17.7	303.3	304.0	0.2	21.8	22.1	135.
19.9	57.9	6237.5	450.0	-30.0	-45.4	303.4	28.8	24.1	-15.9	305.5	306.0	0.1	20.6	24.4	135.
21.4	61.3	6662.2	425.0	-33.1	-47.9	301.4	29.0	24.8	-15.1	306.6	307.0	0.1	20.8	26.9	133.
22.9	64.7	7095.8	400.0	-36.2	-50.6	305.8	27.8	22.0	-17.0	307.8	308.1	0.1	21.0	29.3	132.
24.6	68.1	7530.8	375.0	-40.2	99.9	314.7	29.1	20.7	-20.4	308.4	309.4	99.9	99.9	32.4	132.
26.2	71.7	7997.4	350.0	-43.6	99.9	317.5	30.9	20.9	-22.8	310.0	309.9	99.9	99.9	34.9	133.
28.0	75.7	8491.3	325.0	-47.7	99.9	321.0	28.3	15.3	-18.8	311.0	309.9	99.9	99.9	38.4	133.
30.0	79.8	9015.1	300.0	-51.1	99.9	312.8	35.6	26.1	-24.2	313.3	309.9	99.9	99.9	41.5	134.
32.2	84.2	9577.0	275.0	-54.1	99.9	302.9	28.7	22.4	-14.5	316.9	309.9	99.9	99.9	45.7	133.
34.6	88.6	10188.8	250.0	-56.9	99.9	312.2	43.0	31.9	-28.9	324.4	309.9	99.9	99.9	51.3	133.
37.0	93.6	10861.6	225.0	-54.3	99.9	295.1	31.2	28.3	-13.2	335.4	309.9	99.9	99.9	57.0	132.
40.1	98.0	11619.0	200.0	-53.3	99.9	290.2	40.6	38.1	-14.0	348.4	309.9	99.9	99.9	63.7	130.
43.1	104.8	12475.1	175.0	-54.5	99.9	295.5	49.4	44.6	-21.3	359.9	309.9	99.9	99.9	71.1	126.
47.1	111.3	13462.2	150.0	-55.5	99.9	285.9	35.9	36.5	-9.8	374.4	309.9	99.9	99.9	79.8	126.
51.2	118.5	14614.9	125.0	-59.1	99.9	283.8	43.7	42.4	-10.4	388.0	309.9	99.9	99.9	89.4	123.
56.5	127.6	16085.6	100.0	-61.7	99.9	278.5	29.6	29.4	-7.3	408.5	309.9	99.9	99.9	98.8	121.
62.4	134.5	17769.8	75.0	-64.4	99.9	290.7	25.8	24.2	-9.1	428.5	309.9	99.9	99.9	109.4	119.
71.2	146.5	20265.8	50.0	-63.3	99.9	293.3	25.6	23.5	-10.1	444.4	309.9	99.9	99.9	119.1	118.
84.6	157.8	24529.5	25.0	-62.4	99.9	288.9	11.0	11.0	0.2	605.2	309.9	99.9	99.9	132.3	116.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTG CM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.4	1095.0	891.0	-4.8	-6.9	210.0	5.1	2.5	4.4	277.7	284.4	2.6	85.0	0.0	0.
0.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	16.0	1230.1	875.0	-3.7	-7.5	233.0	19.9	15.9	12.0	280.2	286.9	2.5	72.1	0.3	37.
1.2	19.3	1408.9	850.0	0.3	-11.9	237.3	18.1	15.3	9.8	286.7	291.8	1.1	39.4	1.1	49.
2.8	21.5	1768.4	825.0	-0.1	-18.9	238.4	14.1	12.1	7.4	288.7	293.0	1.0	22.5	1.9	53.
2.7	24.1	1953.9	800.0	-1.1	-19.8	235.5	9.7	8.0	5.5	290.1	293.0	1.0	22.5	2.4	55.
3.5	26.4	2206.6	775.0	-2.1	-25.7	209.6	8.9	4.4	7.0	291.6	293.5	0.6	14.3	2.8	53.
4.3	29.0	2466.5	750.0	-2.5	-28.7	204.0	11.0	4.5	10.0	293.9	295.4	0.5	11.2	3.2	49.
5.2	31.8	2734.4	725.0	-4.6	-30.2	203.5	9.8	3.9	9.0	294.4	295.8	0.4	11.4	3.8	45.
6.1	34.6	3009.4	700.0	-6.1	-31.2	217.1	8.5	4.7	6.3	295.7	297.0	0.4	11.5	4.2	43.
7.0	37.1	3294.2	675.0	-3.7	-29.5	255.4	6.9	6.6	1.7	301.6	303.2	0.5	11.3	4.6	44.
8.0	40.0	3591.2	650.0	-5.6	-30.5	261.3	6.2	6.1	-1.6	302.7	304.1	0.4	11.5	4.9	48.
9.0	42.8	3897.8	625.0	-7.5	-32.2	268.3	10.8	10.3	-3.4	303.9	305.3	0.4	11.7	5.2	53.
9.9	45.6	4214.2	600.0	-9.0	-33.8	290.0	13.7	12.9	-7.7	304.8	306.0	0.4	11.9	5.6	59.
11.0	48.9	4541.8	575.0	-11.1	-34.8	293.2	16.6	15.3	-6.5	307.0	308.1	0.3	12.0	6.2	66.
12.0	51.8	4882.0	550.0	-11.9	-35.3	297.9	17.4	15.4	-8.1	310.0	311.1	0.3	12.1	7.0	72.
13.3	55.1	5255.0	525.0	-13.0	-34.0	304.9	21.1	17.3	-12.1	312.8	314.2	0.4	15.1	8.0	81.
14.5	58.1	5607.6	500.0	-14.1	-31.7	305.0	25.4	20.8	-14.6	313.5	315.3	0.5	24.4	9.2	87.
15.8	61.7	5991.8	475.0	-16.0	-32.0	303.2	26.6	22.3	-16.6	314.4	316.3	0.5	30.5	11.0	94.
17.0	65.3	6391.5	450.0	-22.6	-34.9	298.0	26.5	23.4	-18.5	314.9	316.3	0.4	31.1	12.8	98.
18.4	68.8	6808.4	425.0	-25.8	-34.2	293.4	26.1	24.0	-10.4	315.8	317.0	0.3	30.2	14.9	101.
19.8	72.5	7244.3	400.0	-29.8	-41.6	292.2	26.3	24.4	-9.9	316.2	317.1	0.2	30.4	17.0	102.
21.4	76.4	7700.5	375.0	-34.0	-45.7	293.3	27.3	25.1	-10.8	316.6	317.2	0.2	29.1	19.6	103.
23.0	80.7	8180.3	350.0	-37.9	-51.3	296.1	28.3	25.4	-15.1	318.3	319.9	0.1	22.8	22.2	105.
24.7	85.1	8486.2	325.0	-42.4	99.9	297.1	31.0	27.6	-18.4	318.3	319.9	99.9	99.9	25.0	106.
26.4	89.6	9221.7	300.0	-47.3	99.9	303.9	31.0	25.7	-17.3	318.7	319.9	99.9	99.9	28.3	108.
28.6	94.4	9790.5	275.0	-52.6	99.9	306.1	32.0	25.9	-18.9	319.1	319.9	99.9	99.9	32.0	110.
30.9	99.4	10399.6	250.0	-57.4	99.9	313.8	32.3	23.3	-22.3	320.7	319.9	99.9	99.9	36.4	112.
33.0	104.0	11061.5	225.0	-60.5	99.9	299.2	35.6	31.1	-17.4	325.8	319.9	99.9	99.9	40.6	114.
35.7	110.8	11790.1	200.0	-59.1	99.9	298.6	38.5	33.6	-18.4	330.1	319.9	99.9	99.9	47.1	114.
38.0	117.0	12030.9	175.0	-58.3	99.9	285.6	36.4	35.1	-9.8	353.7	319.9	99.9	99.9	54.2	114.
42.4	124.0	13005.2	150.0	-57.6	99.9	283.8	33.3	32.4	-7.9	370.8	319.9	99.9	99.9	62.5	113.
44.7	131.3	13746.9	125.0	-60.7	99.9	288.6	44.0	41.7	-14.0	385.1	319.9	99.9	99.9	72.3	112.
51.8	139.3	16119.4	100.0	-65.5	99.9	287.7	27.1	25.8	-8.2	401.3	319.9	99.9	99.9	82.8	111.
56.6	147.7	17947.0	75.0	-68.8	99.9	290.8	25.7	24.0	-9.1	428.6	319.9	99.9	99.9	93.7	111.
64.0	154.3	20293.6	50.0	-64.9	99.9	286.0	26.3	25.3	-7.3	490.5	319.9	99.9	99.9	105.7	111.
79.0	169.7	24335.9	25.0	-62.3	99.9	281.7	18.1	17.7	-3.7	606.0	319.9	99.9	99.9	117.1	110.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTD CM/KG	RM PCT	RANGE KM	AZ DEG
0-0	5-1	4-0	1008.5	2-2	1-2	999.9	99.9	99.9	99.9	275.2	285.7	4-1	93-0	999.9	999.9
0-3	5-6	72-6	1000.0	2-7	1-6	999.9	99.9	99.9	99.9	276.4	287.3	4-3	92-5	999.9	999.9
1-1	6-1	277.8	975.0	2-5	0-1	999.9	99.9	99.9	99.9	278.2	288.4	4-0	84-4	999.9	999.9
2-0	10-4	487.3	950.0	1-2	-0-0	999.9	99.9	99.9	99.9	278.0	288.6	3-0	68-0	999.9	999.9
2-8	12-7	701.3	925.0	-0-3	-7-1	999.9	99.9	99.9	99.9	279.3	285.8	2-4	59-7	999.9	999.9
3-6	15-2	920.0	900.0	-1-0	-8-3	999.9	99.9	99.9	99.9	280.0	286.1	2-3	60-6	999.9	999.9
4-6	17-6	1143.7	875.0	-3-0	-8-6	999.9	99.9	99.9	99.9	281.0	287.1	2-3	64-9	999.9	999.9
5-4	22-2	1373.0	850.0	-4-0	-9-2	999.9	99.9	99.9	99.9	282.2	288.3	2-2	67-0	999.9	999.9
6-3	22-6	1407.9	825.0	-5-8	-10-1	999.9	99.9	99.9	99.9	282.7	288.6	2-1	71-4	999.9	999.9
7-4	25-3	1848.8	800.0	-6-6	-8-1	999.9	99.9	99.9	99.9	284.5	291.5	2-6	88-6	999.9	999.9
8-4	27-8	2096.2	775.0	-8-5	-9-1	999.9	99.9	99.9	99.9	284.9	291.7	2-5	95-5	999.9	999.9
9-4	30-6	2349.6	750.0	-10-7	-10-9	999.9	99.9	99.9	99.9	285.2	291.3	2-2	99-0	999.9	999.9
10-3	33-3	2612.1	725.0	-7-9	-21-0	999.9	99.9	99.9	99.9	290.9	293.8	1-0	34-0	999.9	999.9
11-3	36-0	2883.8	700.0	-9-7	-24-9	999.9	99.9	99.9	99.9	291.8	294.0	0-7	27-8	999.9	999.9
12-3	39-0	3163.5	675.0	-11-6	-31-3	999.9	99.9	99.9	99.9	292.7	294.0	0-4	17-5	999.9	999.9
13-3	41-6	3451.8	650.0	-13-5	-37-1	999.9	99.9	99.9	99.9	293.7	294.5	0-2	11-7	999.9	999.9
14-4	44-9	3748.8	625.0	-15-9	-40-2	999.9	99.9	99.9	99.9	294.2	294.8	0-2	10-3	999.9	999.9
15-5	48-0	4054.9	600.0	-18-5	-41-5	999.9	99.9	99.9	99.9	294.7	295.2	0-2	11-1	999.9	999.9
16-5	51-0	4370.8	575.0	-20-7	-46-3	999.9	99.9	99.9	99.9	295.8	296.1	0-1	7-9	999.9	999.9
17-9	54-4	4687.7	550.0	-23-6	-48-2	999.9	99.9	99.9	99.9	296.0	296.3	0-1	8-2	999.9	999.9
19-1	57.7	5035.6	525.0	-26-6	-50.1	999.9	99.9	99.9	99.9	296.4	296.6	0-0	5-6	999.9	999.9
20-4	61-3	5386.3	500.0	-28-8	-57-0	999.9	99.9	99.9	99.9	297.9	298.0	0-0	4-6	999.9	999.9
21-7	64-9	5753.9	475.0	-28-3	-56.7	999.9	99.9	99.9	99.9	302.9	303.0	0-0	4-6	999.9	999.9
23-1	68-5	6140.1	450.0	-30-0	-57.6	999.9	99.9	99.9	99.9	305.5	305.6	0-0	4-8	999.9	999.9
24-7	72-2	6547.5	425.0	-29-5	-57.3	999.9	99.9	99.9	99.9	312.6	312.7	0-0	4-7	999.9	999.9
26-2	76-3	6977.1	400.0	-32-6	-59.1	999.9	99.9	99.9	99.9	312.6	311.3	0-0	5-1	999.9	999.9
27-8	80-4	7430.3	375.0	-34-4	-60.2	999.9	99.9	99.9	99.9	316.1	316.2	0-0	5-2	999.9	999.9
29-5	84-8	7911.1	350.0	-36.3	-60.8	999.9	99.9	99.9	99.9	319.7	319.8	0-0	5-9	999.9	999.9
31-3	89-2	8422.6	325.0	-39.2	-69.9	999.9	99.9	99.9	99.9	322.5	322.5	99.9	999.9	999.9	999.9
33-3	94-2	8966.2	300.0	-43.5	-69.9	999.9	99.9	99.9	99.9	324.0	324.0	99.9	999.9	999.9	999.9
35-6	99-8	9544.9	275.0	-48.0	-69.9	999.9	99.9	99.9	99.9	325.8	325.8	99.9	999.9	999.9	999.9
38-0	104-2	10168.5	250.0	-51.8	-69.9	999.9	99.9	99.9	99.9	329.1	329.1	99.9	999.9	999.9	999.9
40-5	110-0	10808.2	225.0	-53.1	-69.9	999.9	99.9	99.9	99.9	337.2	337.2	99.9	999.9	999.9	999.9
43-7	115-8	11607.8	200.0	-53.1	-69.9	999.9	99.9	99.9	99.9	348.7	348.7	99.9	999.9	999.9	999.9
46-8	122-5	12467.6	175.0	-54.4	-69.9	999.9	99.9	99.9	99.9	360.1	360.1	99.9	999.9	999.9	999.9
50-7	129-5	13449.8	150.0	-56.7	-69.9	999.9	99.9	99.9	99.9	372.5	372.5	99.9	999.9	999.9	999.9
53-0	134-8	14486.1	125.0	-58.2	-69.9	999.9	99.9	99.9	99.9	389.6	389.6	99.9	999.9	999.9	999.9
60-3	144-0	16087.3	100.0	-58.9	-69.9	999.9	99.9	99.9	99.9	413.9	413.9	99.9	999.9	999.9	999.9
67-1	151-8	17805.6	75.0	-57.4	-69.9	999.9	99.9	99.9	99.9	452.7	452.7	99.9	999.9	999.9	999.9
75-0	160-0	20332.7	50.0	-60.4	-69.9	999.9	99.9	99.9	99.9	501.3	501.3	99.9	999.9	999.9	999.9
87-1	168-3	24440.9	25.0	-68.1	-69.9	999.9	99.9	99.9	99.9	612.4	612.4	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0-0	6-1	85-0	1000-0	1-6	-4-5	300-0	6-7	5-8	-3-3	275-1	282-2	2-7	64-0	0-0	0-
0-5	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-6	8-4	289-0	975-0	0-7	-5-2	307-1	11-9	9-5	-7-2	276-2	283-2	2-7	64-3	0-3	121-
1-2	10-5	497-1	950-0	-1-1	-4-1	303-9	11-8	9-8	-6-6	276-4	283-1	2-6	69-0	0-7	124-
2-0	12-8	709-1	925-0	-3-1	-6-2	304-5	13-0	10-7	-7-4	276-5	283-3	2-6	78-1	1-3	124-
2-9	15-2	925-4	900-0	-5-0	-8-6	305-7	12-6	10-2	-7-3	276-7	283-5	2-6	88-7	2-0	124-
3-8	17-4	1146-0	875-0	-7-2	-8-0	300-3	12-0	10-3	-6-0	276-5	282-9	2-4	94-5	2-6	124-
4-7	19-9	1371-2	850-0	-9-3	-9-6	301-6	12-8	10-9	-6-7	276-7	282-4	2-2	97-4	3-3	123-
5-5	22-1	1601-5	825-0	-10-9	-10-9	302-9	13-1	11-0	-7-1	277-4	282-8	2-0	100-9	3-9	123-
6-2	24-6	1837-9	800-0	-12-0	-12-0	306-1	12-9	10-4	-7-6	278-6	283-7	1-9	101-2	4-5	123-
6-8	27-0	2080-3	775-0	-12-2	-12-2	303-4	14-0	11-7	-7-7	280-9	286-1	1-9	101-2	4-9	124-
7-4	29-4	2331-2	750-0	-12-7	-15-9	300-8	14-1	12-2	-7-2	283-0	287-1	1-5	77-0	5-5	123-
8-1	32-1	2589-1	725-0	-14-4	-20-6	296-9	12-4	11-1	-5-6	283-8	288-7	1-0	59-1	6-1	123-
8-9	34-9	2854-8	700-0	-15-2	-20-0	283-2	11-1	10-8	-2-5	285-7	288-7	1-0	62-2	6-6	122-
10-0	37-3	3124-4	675-0	-15-6	-20-1	270-7	13-6	13-6	-0-2	288-3	290-7	0-8	98-8	7-3	119-
11-3	40-1	3413-5	650-0	-16-9	-32-1	265-3	15-3	15-3	1-2	284-9	291-1	0-4	25-3	8-3	115-
12-6	42-8	3706-0	625-0	-18-9	-38-0	262-7	17-7	17-6	2-3	290-8	291-5	0-2	13-8	9-4	111-
13-7	45-7	4009-5	600-0	-21-3	-39-7	259-8	19-0	18-7	3-3	291-5	292-1	0-2	17-1	10-5	108-
14-7	48-7	4321-8	575-0	-23-8	-38-8	259-4	19-8	19-5	3-7	292-1	292-7	0-2	21-2	11-6	105-
15-8	51-6	4644-8	550-0	-26-4	-41-0	259-3	18-4	18-0	3-4	292-7	293-3	0-2	23-6	12-6	102-
17-1	54-7	4978-8	525-0	-29-5	-42-7	259-4	19-4	19-1	3-6	292-9	293-4	0-2	24-4	14-1	100-
18-3	57-6	5325-0	500-0	-32-4	-46-1	257-9	21-4	20-9	4-5	293-5	293-9	0-1	24-1	15-5	98-
19-7	61-0	5684-0	475-0	-35-9	-51-0	254-9	21-1	20-4	5-5	293-5	293-7	0-1	19-2	17-1	96-
21-2	64-4	6058-1	450-0	-38-1	-71-4	258-6	26-3	25-8	5-2	295-3	295-3	0-0	1-7	19-1	94-
22-8	67-7	6450-0	425-0	-39-9	-99-9	260-9	26-8	26-5	4-2	297-9	299-9	99-9	99-9	21-6	92-
24-4	71-1	6861-4	400-0	-42-8	-99-9	259-3	37-5	32-0	6-0	299-4	299-9	99-9	99-9	24-1	91-
25-9	74-7	7294-2	375-0	-46-0	-99-9	258-5	38-0	36-9	6-8	300-7	299-9	99-9	99-9	27-2	89-
27-2	78-6	7752-2	350-0	-46-9	-99-9	249-6	42-0	39-3	14-6	305-5	299-9	99-9	99-9	30-4	88-
29-3	82-5	8242-8	325-0	-45-8	-99-9	248-6	46-1	42-0	19-0	313-6	299-9	99-9	99-9	35-0	85-
30-7	86-4	8778-0	300-0	-46-8	-99-9	244-5	47-2	42-6	20-3	322-2	299-9	99-9	99-9	40-1	82-
32-9	91-0	9159-2	275-0	-46-3	-99-9	239-8	47-8	41-3	24-0	324-2	299-9	99-9	99-9	45-4	80-
34-9	95-6	9987-6	250-0	-49-2	-99-9	242-6	49-7	44-1	22-8	333-8	299-9	99-9	99-9	51-3	78-
37-4	100-4	10680-2	225-0	-48-7	-99-9	242-8	51-59	45-8	23-4	343-8	299-9	99-9	99-9	58-5	76-
40-0	105-8	11452-2	200-0	-49-1	-99-9	242-1	48-79	43-0	22-6	355-1	299-9	99-9	99-9	65-8	75-
42-6	111-5	12320-7	175-0	-53-4	-99-9	241-7	48-86	42-9	23-1	361-8	299-9	99-9	99-9	73-5	73-
45-7	117-0	13305-4	150-0	-57-0	-99-9	255-6	50-96	49-3	12-7	371-8	299-9	99-9	99-9	81-5	73-
48-6	124-7	14460-3	125-0	-54-7	-99-9	257-5	39-90	39-0	8-7	392-4	299-9	99-9	99-9	91-6	73-
50-3	132-3	15676-4	100-0	-56-8	-99-9	248-7	31-80	29-6	11-6	418-1	299-9	99-9	99-9	102-3	73-
60-5	140-3	17676-4	75-0	-61-0	-99-9	259-5	18-78	18-4	3-4	445-2	299-9	99-9	99-9	114-3	73-
68-7	148-8	20189-3	50-0	-61-4	-99-9	251-2	9-46	8-9	2-9	498-9	299-9	99-9	99-9	127-3	73-
80-5	158-0	24467-2	25-0	-61-6	-99-9	251-3	32-19	30-4	10-3	688-2	299-9	99-9	99-9	143-2	73-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DC K	E POT Y DC K	RH RTO CM/KG	RH PCT	RANGE KM	AZ DEG
00	00.0	240.0	997.0	-5.0	-10.0	290.0	0.2	5.0	-2.1	249.3	274.0	1.0	68.0	0.0	0.
00.0	00.0	99.0	1000.0	-5.0	-10.0	290.0	0.2	5.0	99.9	99.9	999.9	99.9	999.9	0.0	0.
00.0	00.0	340.3	975.0	-8.5	-13.0	271.0	0.7	0.7	-0.3	260.8	272.6	1.4	59.6	0.2	103.
00.0	00.0	550.6	950.0	-8.5	-13.0	266.6	7.9	7.9	-0.2	260.8	272.6	1.4	59.6	0.2	103.
1.2	1.2	750.6	925.0	-10.7	-13.0	276.6	7.9	7.9	-0.9	260.6	272.5	1.5	70.1	0.5	93.
1.0	1.0	960.6	900.0	-12.9	-13.3	285.6	0.3	0.3	-2.2	260.4	272.4	1.5	96.7	1.1	96.
2.0	2.0	1100.6	875.0	-14.6	-14.3	285.6	9.2	0.9	-2.5	260.8	272.5	1.4	100.6	1.5	98.
3.3	3.3	1400.2	850.0	-14.2	-14.3	285.6	9.2	0.9	-2.0	271.3	274.0	1.0	66.2	2.0	100.
4.1	4.1	1620.9	825.0	-14.3	-14.3	285.6	9.6	9.3	-2.1	273.6	275.2	0.6	36.9	2.4	100.
5.1	5.1	1840.2	800.0	-14.6	-14.2	285.6	13.3	12.9	-3.5	275.7	277.6	0.7	43.7	3.1	101.
6.0	6.0	2100.4	775.0	-14.6	-14.7	277.5	15.0	15.6	-2.0	276.3	281.4	1.1	70.6	3.8	101.
7.0	7.0	2340.9	750.0	-15.4	-15.4	271.1	15.0	10.0	-0.3	280.0	284.1	1.5	96.5	4.8	100.
8.0	8.0	2600.2	725.0	-17.2	-17.4	275.3	15.4	15.3	-1.4	280.8	284.5	1.3	97.9	5.0	98.
9.0	9.0	2867.4	700.0	-17.4	-17.7	276.0	18.2	18.1	-2.2	283.4	287.3	1.4	97.3	6.0	98.
10.0	10.0	3130.5	675.0	-18.4	-18.5	276.1	20.6	20.5	-2.2	285.2	287.4	0.8	58.2	8.1	98.
11.0	11.0	3421.0	650.0	-19.2	-19.2	276.6	21.9	21.7	-2.5	287.3	288.6	0.4	32.2	9.5	98.
12.1	12.1	3711.9	625.0	-21.1	-21.9	273.0	21.7	21.5	-2.3	288.3	289.5	0.4	33.6	11.0	97.
13.2	13.2	4012.1	600.0	-23.1	-31.5	273.0	21.1	21.1	-1.4	289.4	290.8	0.5	45.0	12.6	97.
14.3	14.3	4323.2	575.0	-24.4	-30.2	272.3	23.9	23.9	-1.0	291.4	292.5	0.4	39.8	14.2	97.
15.7	15.7	4600.2	550.0	-25.9	-30.6	270.9	23.7	23.7	-0.4	293.3	294.3	0.3	35.7	15.9	96.
16.0	16.0	4881.0	525.0	-26.0	-40.0	267.6	25.3	25.3	1.1	294.8	295.5	0.2	30.3	17.7	95.
18.1	18.1	5150.0	500.0	-31.1	-40.1	269.4	27.1	27.1	0.3	295.1	295.8	0.2	40.7	19.8	95.
19.4	19.4	5430.0	475.0	-33.0	-41.1	270.3	28.9	28.9	-0.1	296.2	296.9	0.2	46.9	21.9	94.
20.7	20.7	5695.0	450.0	-36.0	-47.1	268.8	32.9	32.9	0.7	297.4	297.9	0.2	41.4	24.6	94.
22.2	22.2	6062.6	425.0	-39.5	-47.1	268.2	36.6	36.6	1.2	298.4	298.8	0.1	43.0	27.7	93.
23.7	23.7	6470.7	400.0	-42.8	-49.9	265.7	39.3	39.2	2.9	299.7	299.9	99.9	99.9	31.2	92.
25.2	25.2	7307.2	375.0	-46.2	-49.9	260.7	39.3	39.6	2.3	300.5	299.9	99.9	99.9	35.3	92.
26.0	26.0	7761.9	350.0	-49.8	-49.9	263.8	40.3	40.1	3.0	301.6	299.9	99.9	99.9	39.2	91.
28.0	28.0	8245.2	325.0	-49.1	-49.9	263.7	42.00	41.0	4.6	309.0	299.9	99.9	99.9	43.5	90.
30.4	30.4	8771.0	300.0	-48.5	-49.9	262.6	39.66	39.3	5.1	317.0	299.9	99.9	99.9	48.4	90.
32.2	32.2	9340.3	275.0	-47.0	-49.9	258.3	41.90	40.7	9.9	327.2	299.9	99.9	99.9	53.2	89.
34.3	34.3	9977.4	250.0	-47.0	-49.9	250.4	37.10	36.4	7.4	335.3	299.9	99.9	99.9	58.2	88.
36.0	36.0	10670.4	225.0	-48.2	-49.9	250.6	47.20	45.9	10.9	345.7	299.9	99.9	99.9	63.0	87.
39.0	39.0	11447.3	200.0	-49.9	-49.9	264.5	37.50	39.3	3.8	353.7	299.9	99.9	99.9	70.0	86.
41.2	41.2	12310.1	175.0	-49.7	-49.9	258.6	40.30	39.5	8.0	367.8	299.9	99.9	99.9	77.4	86.
44.2	44.2	13100.0	150.0	-50.7	-49.9	253.5	37.30	39.7	11.5	375.0	299.9	99.9	99.9	84.5	85.
47.3	47.3	14000.0	125.0	-50.7	-49.9	260.5	35.20	33.7	9.0	392.0	299.9	99.9	99.9	92.7	84.
50.0	50.0	15000.7	100.0	-50.4	-49.9	261.4	35.90	35.5	5.4	412.9	299.9	99.9	99.9	101.0	84.
53.2	53.2	16000.0	75.0	-50.0	-49.9	261.3	29.00	28.5	4.4	440.0	299.9	99.9	99.9	111.2	83.
56.3	56.3	17000.0	50.0	-51.0	-49.9	271.9	29.00	28.5	-1.0	460.0	299.9	99.9	99.9	122.4	82.
59.0	59.0	20215.0	25.0	-51.0	-49.9	999.0	99.0	99.9	99.9	607.2	299.9	99.9	99.9	999.0	999.
70.7	70.7	24405.0	25.0	-51.0	-49.9	999.0	99.0	99.9	99.9	607.2	299.9	99.9	99.9	999.0	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG.

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
1115 GMT

TIME MID	CHTC	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T J/K	MX RYD CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	7.1	290.0	982.7	-12.1	-16.6	290.0	3.1	2.9	-1.1	282.5	265.3	1.1	89.0	0.0	0.
0.0	90.0	1030.0	982.7	-12.1	-16.6	290.0	3.1	2.9	-1.1	282.5	265.3	1.1	89.0	0.0	0.
0.3	7.7	358.2	975.0	-12.7	-15.7	250.2	6.3	6.2	1.2	282.5	265.5	1.1	78.2	0.1	57.
0.9	9.6	553.7	958.0	-14.7	-15.6	266.9	8.5	8.5	0.5	282.4	265.4	1.2	91.5	0.3	77.
1.5	11.7	737.6	925.0	-15.0	-15.7	288.5	8.8	8.4	-2.0	286.1	267.3	1.2	94.6	0.7	88.
2.2	13.6	964.5	900.0	-16.1	-16.9	292.2	7.7	7.1	-2.9	285.0	268.0	1.1	94.1	1.0	97.
3.0	15.0	1176.2	875.0	-17.0	-25.0	298.5	6.7	7.7	-0.2	286.2	267.0	0.6	59.6	1.3	101.
3.6	17.9	1393.7	850.0	-17.1	-30.1	296.2	12.3	11.0	-5.0	288.3	269.4	0.4	31.0	1.8	106.
4.3	20.1	1618.0	825.0	-16.4	-38.3	297.2	14.3	13.6	-6.2	271.3	272.3	0.4	28.7	2.2	107.
5.1	22.1	1849.0	800.0	-17.3	-27.1	290.7	15.6	15.3	-2.9	272.8	274.3	0.5	41.8	3.0	108.
5.9	24.5	2080.7	775.0	-18.4	-27.5	290.4	15.2	15.0	-2.0	274.0	275.5	0.5	45.0	3.7	105.
6.9	26.7	2331.6	750.0	-17.7	-32.0	271.2	16.6	16.6	-0.4	272.4	278.5	0.4	27.8	4.5	103.
7.0	29.0	2584.7	725.0	-18.9	-34.4	271.0	19.6	19.6	-0.3	270.9	281.1	0.6	27.0	5.6	100.
8.6	31.5	2846.2	700.0	-18.6	-38.1	277.3	19.6	19.4	-2.5	281.9	282.5	0.2	15.9	6.6	100.
9.5	34.0	3117.1	675.0	-19.1	-38.2	282.4	18.0	18.4	-3.0	284.2	284.9	0.2	16.5	7.6	100.
10.4	36.4	3393.2	650.0	-19.1	-38.2	281.3	19.7	19.3	-4.0	287.4	288.0	0.2	16.5	8.7	100.
11.3	39.1	3699.1	625.0	-20.7	-39.2	279.7	20.7	20.5	-3.5	288.8	289.4	0.2	17.0	9.6	100.
12.3	41.6	3989.9	600.0	-22.9	-38.0	281.2	21.2	20.8	-6.1	289.6	290.3	0.2	23.7	10.9	100.
13.3	44.4	4300.1	575.0	-23.0	-34.1	282.7	22.0	21.5	-6.0	289.7	290.7	0.3	37.2	12.2	100.
14.3	47.3	4620.4	550.0	-26.6	-36.5	282.0	19.6	19.2	-6.1	290.2	291.1	0.3	46.3	13.6	101.
15.6	50.3	4951.7	525.0	-31.5	-40.2	278.6	19.7	19.4	-7.9	291.4	291.4	0.3	50.9	14.9	101.
16.8	53.1	5293.2	500.0	-34.1	-40.2	272.4	20.5	20.5	-0.9	291.4	292.1	0.2	54.1	16.5	100.
18.0	56.1	5632.2	475.0	-37.1	-41.6	266.9	22.1	22.1	1.2	292.0	292.7	0.2	62.2	18.1	99.
19.4	59.4	6023.7	450.0	-40.1	-41.6	266.7	21.9	21.9	1.3	292.0	292.9	0.2	62.2	18.1	99.
20.7	62.9	6411.3	425.0	-43.2	-41.6	263.2	23.1	23.0	2.7	293.7	293.7	0.2	62.2	18.1	99.
22.1	66.3	6816.8	400.0	-46.3	-41.6	263.2	23.2	23.0	3.1	294.9	294.9	0.2	62.2	18.1	99.
23.7	70.6	7244.2	375.0	-48.0	-41.6	263.2	21.8	21.7	2.1	298.1	298.1	0.2	62.2	18.1	99.
25.3	73.7	7699.0	350.0	-48.8	-41.6	263.2	20.4	20.3	-2.5	302.9	302.9	0.2	62.2	18.1	99.
27.0	77.7	8184.0	325.0	-50.2	-41.6	263.2	27.0	26.7	-3.4	307.6	307.6	0.2	62.2	18.1	99.
28.6	81.8	8705.1	300.0	-52.0	-41.6	263.2	26.9	26.7	-3.2	312.1	312.1	0.2	62.2	18.1	99.
30.9	86.0	9270.6	275.0	-50.6	-41.6	263.2	30.6	30.6	-0.9	322.0	322.0	0.2	62.2	18.1	99.
33.1	91.0	9893.0	250.0	-49.3	-41.6	263.2	28.0	28.0	1.0	332.7	332.7	0.2	62.2	18.1	99.
35.5	97.8	10595.2	225.0	-50.2	-41.6	263.2	30.9	30.7	3.3	341.7	341.7	0.2	62.2	18.1	99.
38.5	101.3	11352.0	200.0	-50.1	-41.6	263.2	30.2	30.2	-0.6	353.4	353.4	0.2	62.2	18.1	99.
41.6	107.3	12225.9	175.0	-50.2	-41.6	263.2	32.9	32.9	-0.6	367.0	367.0	0.2	62.2	18.1	99.
44.9	113.7	13223.4	150.0	-53.2	-41.6	263.2	30.1	28.0	-0.6	378.4	378.4	0.2	62.2	18.1	99.
48.0	120.7	14391.2	125.0	-56.2	-41.6	263.2	25.4	24.0	5.2	393.2	393.2	0.2	62.2	18.1	99.
50.0	128.7	15707.5	100.0	-58.0	-41.6	263.2	27.5	27.5	1.7	415.7	415.7	0.2	62.2	18.1	99.
52.3	136.0	17606.9	75.0	-59.4	-41.6	263.2	23.9	23.9	1.0	448.5	448.5	0.2	62.2	18.1	99.
54.6	144.7	20120.1	50.0	-63.4	-41.6	263.2	22.9	22.7	3.7	494.1	494.1	0.2	62.2	18.1	99.
57.0	153.0	24330.1	25.0	-64.9	-41.6	263.2	25.4	25.4	1.1	592.3	592.3	0.2	62.2	18.1	99.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 14. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U.OMP M/SEC	V.OMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	175.0	1000.0	-10.1	-16.2	310.0	2.6	2.0	-1.7	263.2	265.0	1.1	61.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.8	369.6	975.0	-11.7	-16.3	172.1	2.4	-0.3	2.3	263.4	266.3	1.1	68.9	0.4	119.
1.5	10.1	569.1	950.0	-13.5	-17.9	268.2	7.5	7.1	-2.3	263.7	266.2	1.1	68.8	0.6	111.
2.2	12.2	770.6	925.0	-13.9	-21.3	293.3	9.1	8.3	-3.6	265.2	267.3	0.8	53.5	1.0	111.
3.0	14.5	979.4	900.0	-12.5	-23.6	301.2	9.0	7.7	-4.6	268.7	270.5	0.6	38.8	1.4	113.
3.7	16.7	1194.7	875.0	-12.1	-22.4	306.3	9.5	7.7	-5.6	271.3	273.3	0.7	42.4	1.8	116.
4.4	19.1	1415.9	850.0	-13.2	-30.7	302.2	8.9	7.5	-4.7	272.4	273.4	0.3	21.3	2.2	117.
5.4	21.4	1643.2	825.0	-13.4	-31.1	287.1	10.7	10.3	-3.2	274.5	275.5	0.3	21.2	2.7	117.
6.2	23.8	1877.1	800.0	-14.2	-22.1	288.2	11.0	10.7	-3.4	276.1	276.4	0.8	50.9	3.3	115.
7.1	26.2	2117.4	775.0	-15.6	-23.5	291.6	13.1	12.2	-4.9	276.9	279.0	0.7	51.5	3.9	114.
7.9	28.8	2365.2	750.0	-13.6	-27.8	297.7	15.8	14.5	-7.3	281.8	281.8	0.0	1.1	4.6	114.
8.7	31.3	2623.5	725.0	-13.0	-53.5	301.5	17.0	14.5	-8.9	285.2	285.3	0.0	1.8	5.4	115.
9.6	34.0	2890.5	700.0	-13.9	-51.9	300.6	18.3	15.7	-9.4	287.1	287.3	0.0	2.3	6.3	116.
10.6	36.6	3168.1	675.0	-15.6	-30.0	300.6	20.0	17.2	-10.2	288.3	289.7	0.5	27.7	7.4	117.
11.5	39.3	3450.2	650.0	-16.9	-29.4	298.8	21.8	19.1	-10.5	289.9	291.5	0.5	33.0	8.7	117.
12.6	42.0	3743.4	625.0	-18.4	-39.4	298.3	25.1	22.1	-11.9	291.4	292.0	0.2	13.7	10.1	117.
13.6	44.9	4047.7	600.0	-15.3	-45.3	301.2	25.6	21.9	-13.2	293.8	294.1	0.1	7.9	11.7	118.
14.7	47.9	4363.4	575.0	-20.4	-53.5	302.2	24.3	19.7	-12.6	296.1	296.3	0.0	3.3	13.2	118.
15.7	50.7	4690.7	550.0	-23.4	-50.2	301.2	24.3	20.8	-12.6	296.3	296.5	0.1	6.5	14.8	119.
16.9	53.6	5025.0	525.0	-26.3	-51.7	301.1	26.7	22.8	-13.8	296.8	297.0	0.1	7.0	16.5	119.
18.1	56.8	5379.6	500.0	-29.4	-47.8	303.8	28.1	23.4	-15.7	297.2	297.5	0.1	14.7	18.5	119.
19.5	60.1	5744.0	475.0	-31.7	-43.8	309.7	31.1	23.9	-19.8	299.8	299.3	0.2	26.5	20.9	120.
20.8	63.5	6129.9	450.0	-34.1	-44.6	315.4	30.7	21.6	-21.9	300.3	300.9	0.2	32.7	23.4	121.
22.2	66.9	6522.7	425.0	-36.6	-48.6	317.3	31.2	21.2	-23.0	302.1	302.8	0.1	27.2	25.9	123.
23.6	70.4	6940.4	400.0	-39.6	-49.9	318.3	31.4	20.9	-23.4	303.6	303.6	99.9	99.9	28.5	124.
25.2	74.0	7378.4	375.0	-42.9	-49.9	321.0	30.5	19.2	-23.7	304.8	304.8	99.9	99.9	31.2	126.
26.7	78.0	7840.4	350.0	-46.0	-49.9	321.2	36.0	22.6	-28.1	306.7	306.7	99.9	99.9	34.1	127.
28.3	81.6	8330.3	325.0	-49.1	-49.9	322.5	37.3	22.7	-29.6	309.0	309.0	99.9	99.9	37.8	128.
30.4	86.0	8851.5	300.0	-52.2	-49.9	320.5	36.8	23.4	-28.4	311.9	311.9	99.9	99.9	42.0	130.
32.4	90.6	9412.2	275.0	-54.1	-49.9	309.6	32.1	24.7	-20.4	316.9	316.9	99.9	99.9	46.0	130.
34.6	95.3	10023.1	250.0	-54.6	-49.9	303.6	33.6	27.9	-18.6	324.9	324.9	99.9	99.9	50.3	130.
36.9	100.2	10700.9	225.0	-52.4	-49.9	293.7	36.2	33.1	-14.5	338.2	338.2	99.9	99.9	55.3	129.
39.4	105.5	11466.9	200.0	-50.7	-49.9	99.9	99.9	99.9	90.9	352.5	352.5	99.9	99.9	99.9	99.9
42.8	111.3	12330.3	175.0	-51.5	-49.9	99.9	99.9	99.9	99.9	364.9	364.9	99.9	99.9	99.9	99.9
46.0	117.7	13331.1	150.0	-53.6	-49.9	99.9	99.9	99.9	99.9	377.8	377.8	99.9	99.9	99.9	99.9
50.2	125.0	14498.1	125.0	-57.5	-49.9	99.9	99.9	99.9	99.9	390.9	390.9	99.9	99.9	99.9	99.9
55.0	132.7	15805.7	100.0	-59.9	-49.9	99.9	99.9	99.9	99.9	412.0	412.0	99.9	99.9	99.9	99.9
61.3	140.7	17692.4	75.0	-59.4	-49.9	99.9	99.9	99.9	99.9	444.3	444.3	99.9	99.9	99.9	99.9
69.2	148.7	20208.8	50.0	-63.0	-49.9	99.9	99.9	99.9	99.9	495.2	495.2	99.9	99.9	99.9	99.9
82.3	157.3	24476.9	25.0	-63.7	-49.9	99.9	99.9	99.9	99.9	601.9	601.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KAN  
7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KN	AZ DG
0-0	12-4	791.0	925.0	-6.1	-8.4	230.0	6.7	5.1	4.3	273.4	279.2	2.2	84.0	0.0	0-
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0-9	14.7	909.5	900.0	0.8	-9.8	245.3	20.3	10.5	8.5	282.6	288.1	2.0	45.1	0.8	59
1-9	16.8	1227.5	875.0	3.9	-13.9	245.7	13.4	12.2	5.5	280.1	292.3	1.5	25.7	1.7	63
2-9	19.3	1462.8	850.0	3.8	-17.5	238.8	12.2	10.4	6.3	290.2	293.6	1.1	19.4	2.5	63
3-6	21.5	1704.3	825.0	1.9	-18.9	239.1	12.1	10.4	6.2	290.7	293.8	1.0	19.6	3.1	62
4-6	24.1	1951.5	800.0	0.2	-20.4	250.4	12.3	11.5	6.1	291.5	294.3	0.9	19.3	3.8	63
5-4	26.4	2205.2	775.0	-1.2	-24.4	263.7	10.2	10.1	1.1	292.5	294.6	0.7	15.2	4.3	64
6-4	28.9	2465.4	750.0	-3.2	-25.5	271.4	10.4	10.4	-0.3	293.1	295.1	0.6	15.9	4.8	67
7-2	31.5	2732.5	725.0	-5.5	-27.4	264.3	10.7	10.6	1.1	293.5	295.2	0.5	15.5	5.3	69
8-2	34.2	3006.3	700.0	-8.0	-28.7	263.3	11.3	11.2	1.3	293.6	295.2	0.5	17.0	5.9	71
9-2	36.7	3287.5	675.0	-10.1	-31.6	271.2	11.4	11.3	-0.2	294.3	295.6	0.4	15.3	6.6	72
10-2	39.5	3578.3	650.0	-10.0	-30.3	279.6	12.1	11.9	-2.0	297.6	299.1	0.5	17.1	7.2	75
11-3	42.1	3880.0	625.0	-11.7	-32.1	282.8	11.9	11.6	-2.6	299.1	300.4	0.4	16.5	8.0	77
12-4	45.0	4191.3	600.0	-14.4	-31.9	289.8	12.3	11.8	-3.8	299.4	300.8	0.4	20.9	8.7	79
13-6	48.0	4512.8	575.0	-15.8	-33.3	294.5	12.7	13.3	-6.1	301.5	302.8	0.4	20.4	9.5	82
14-8	50.8	4847.4	550.0	-17.0	-36.9	293.8	17.7	16.2	-7.1	304.0	304.9	0.3	15.7	10.5	86
16-0	53.9	5195.0	525.0	-19.3	-39.0	292.7	19.9	18.3	-7.6	305.3	306.1	0.2	15.4	11.8	89
17-2	56.8	5556.1	500.0	-22.1	-40.7	290.7	20.4	18.2	-9.2	306.0	306.8	0.2	16.8	13.1	92
18-5	60.1	5931.0	475.0	-24.9	-42.8	298.1	23.8	21.0	-11.2	307.2	307.8	0.2	17.0	14.6	95
20-0	63.4	6324.3	450.0	-25.4	-42.2	303.3	29.0	24.2	-15.9	311.3	312.1	0.2	18.9	16.7	98
21-5	66.7	6737.3	425.0	-27.8	-40.7	307.1	32.3	25.8	-19.5	313.4	314.3	0.3	27.6	19.2	102
22-8	70.1	7169.7	400.0	-31.4	-39.7	302.8	35.8	30.1	-19.4	314.1	315.1	0.3	43.3	21.6	105
24-4	73.7	7623.3	375.0	-35.4	-41.9	303.2	36.9	30.9	-20.2	314.7	315.5	0.2	50.9	25.0	107
25-8	77.3	8099.4	350.0	-39.4	99.9	303.1	35.9	30.0	-19.6	315.6	999.9	99.9	999.9	28.1	109
27-7	81.3	8601.4	325.0	-44.3	99.9	304.9	35.8	29.4	-20.5	315.7	999.9	99.9	999.9	32.1	111
29-5	85.5	9132.4	300.0	-49.1	99.9	305.6	36.1	29.4	-21.0	316.2	999.9	99.9	999.9	35.9	112
31-5	89.8	9696.1	275.0	-54.1	99.9	304.6	36.0	29.6	-20.4	316.8	999.9	99.9	999.9	39.9	114
33-7	94.6	10301.3	250.0	-58.1	99.9	307.3	39.3	31.2	-23.8	319.8	999.9	99.9	999.9	44.8	115
35-9	99.3	10958.5	225.0	-60.8	99.9	301.9	42.9	36.4	-22.7	325.3	999.9	99.9	999.9	50.1	116
38-5	104.4	11696.9	200.0	-57.4	99.9	294.2	43.6	39.8	-17.8	331.9	999.9	99.9	999.9	57.3	116
41-7	110.2	12539.3	175.0	-54.8	99.9	290.6	44.8	42.0	-15.7	339.5	999.9	99.9	999.9	65.6	116
45.1	116.0	13517.1	150.0	-58.4	99.9	287.1	40.7	38.8	-12.4	349.5	999.9	99.9	999.9	73.5	115
49.5	123.0	14662.4	125.0	-60.1	99.9	288.7	37.5	35.6	-12.0	368.1	999.9	99.9	999.9	83.9	115
54-6	130.5	16041.6	100.0	-63.8	99.9	292.2	33.3	30.8	-12.6	404.5	999.9	99.9	999.9	97.9	114
61-4	138.7	17803.9	75.0	-63.9	99.9	291.1	28.7	26.7	-10.3	429.1	999.9	99.9	999.9	108.7	114
70.1	146.7	20209.4	50.0	-63.0	99.9	287.0	12.9	12.4	-3.8	495.0	999.9	99.9	999.9	117.7	114
83.1	155.3	24557.0	25.0	-64.1	99.9	297.7	13.1	11.6	-6.1	600.7	999.9	99.9	999.9	130.4	114

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TONEKA, KAN7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GM	PHES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	203.0	488.1	-9.4	-13.0	210.0	5.2	2.6	4.5	268.5	268.5	1.4	75.0	0.0	0.
99.9	99.9	69.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	7.9	371.2	975.0	-9.4	-14.0	229.0	14.4	10.4	4.5	269.3	269.3	1.3	69.1	0.3	22.
1.1	10.2	575.2	970.0	-2.6	-10.4	233.2	13.5	10.8	8.1	274.8	274.8	1.8	55.3	0.9	40.
1.9	12.3	786.6	425.0	-3.3	-15.9	241.8	10.8	9.6	5.1	276.1	276.1	1.2	36.9	1.4	46.
2.7	14.7	1003.0	900.0	-4.2	-12.9	257.3	14.2	13.8	3.1	277.4	277.4	1.6	50.6	1.9	53.
3.4	16.4	1225.1	875.0	-4.0	-14.1	271.2	14.1	16.1	-0.3	279.8	279.8	1.5	45.3	2.6	61.
4.3	14.3	1453.9	850.0	-4.2	-14.2	280.7	18.6	18.2	-3.4	281.9	281.9	1.5	45.6	3.3	70.
5.2	21.6	1658.4	825.0	-6.3	-16.6	283.3	19.4	18.9	-4.5	282.1	282.1	1.3	43.7	4.3	78.
6.2	24.1	1825.3	875.0	-7.8	-17.5	290.5	16.8	17.6	-6.6	282.9	282.9	1.2	45.8	5.3	84.
7.2	26.5	2178.4	775.0	-8.6	-24.3	298.4	19.1	16.4	-9.1	284.6	284.6	0.7	26.6	6.3	89.
8.2	29.2	2426.3	750.0	-10.3	-25.3	301.4	18.6	16.8	-10.2	285.5	287.4	0.6	28.0	7.3	93.
9.3	31.9	2641.4	725.0	-10.2	-29.6	308.5	21.9	17.2	-13.7	288.3	289.7	0.4	19.1	9.7	103.
10.3	34.7	2953.7	700.0	-11.6	-30.5	309.2	25.0	19.2	-15.7	289.7	291.0	0.4	18.5	8.4	98.
11.3	37.1	3237.0	675.0	-13.2	-24.9	308.0	25.5	20.1	-15.7	291.0	293.2	0.7	36.4	11.1	106.
12.3	39.4	3528.2	650.0	-13.2	-34.1	307.2	23.2	18.5	-14.0	293.0	295.1	0.3	15.7	12.6	109.
13.5	42.6	3822.0	625.0	-13.0	-28.0	311.2	23.4	18.0	-16.0	295.3	297.2	0.6	31.8	14.0	111.
14.6	45.4	4123.4	600.0	-17.2	-27.1	312.7	27.1	20.3	-18.4	298.3	298.4	0.7	41.7	15.7	113.
15.9	48.7	4427.5	575.0	-18.8	-28.4	308.9	25.7	20.0	-16.2	298.0	299.9	0.6	40.6	17.7	115.
17.1	51.6	4777.7	550.0	-31.9	-30.4	307.4	27.1	21.5	-16.5	299.5	301.0	0.5	35.8	19.6	117.
18.4	44.9	5126.0	525.0	-27.6	-34.0	309.2	26.2	20.3	-16.6	301.2	302.6	0.4	34.5	21.7	118.
19.8	44.0	5476.5	500.0	-39.1	-30.1	307.0	27.4	21.9	-16.5	303.8	303.7	0.3	24.8	23.8	119.
21.2	61.6	5847.6	475.0	-27.8	-42.7	305.0	28.7	23.5	-16.5	303.6	304.2	0.2	22.4	26.1	119.
22.6	65.0	6233.3	450.0	-31.3	-43.4	307.4	28.0	27.1	-17.0	303.9	304.5	0.2	28.9	28.7	120.
24.4	68.6	6635.8	425.0	-34.3	-40.9	305.0	27.1	21.9	-15.9	305.0	305.4	0.1	26.4	31.4	120.
26.1	72.1	7056.8	400.0	-37.6	-50.2	311.1	30.8	23.2	-20.2	308.1	308.4	0.1	25.1	34.4	121.
28.0	76.2	7438.7	375.0	-41.2	99.9	311.1	28.3	21.3	-18.6	307.0	999.9	99.9	999.9	37.3	122.
29.8	80.3	7868.7	350.0	-44.2	99.9	308.3	35.6	27.7	-22.4	309.2	999.9	99.9	999.9	41.2	123.
31.7	84.3	8457.7	325.0	-48.1	99.9	312.4	34.8	25.7	-23.5	310.4	999.9	99.9	999.9	44.7	123.
33.6	88.6	9041.2	300.0	-51.6	99.9	316.0	37.6	26.1	-27.1	312.6	999.9	99.9	999.9	48.5	125.
36.3	93.5	9541.2	275.0	-55.2	99.9	319.3	36.2	23.6	-27.5	315.2	999.9	99.9	999.9	54.8	126.
38.9	94.4	10145.4	250.0	-58.4	99.9	312.5	47.2	34.8	-31.8	319.3	999.9	99.9	999.9	60.9	127.
41.5	103.6	10435.8	225.0	-59.1	99.9	310.8	33.1	25.1	-21.7	328.0	999.9	99.9	999.9	67.5	127.
44.3	109.5	11548.0	200.0	-54.4	99.9	297.1	43.4	38.6	-19.8	323.5	719.9	99.9	999.9	73.4	127.
47.7	115.5	12175.1	175.0	-57.0	99.9	298.7	38.4	35.3	-16.2	335.8	999.9	99.9	999.9	82.2	126.
51.6	122.3	13171.4	150.0	-56.6	99.9	293.8	40.1	36.7	-16.2	372.6	999.9	99.9	999.9	90.7	124.
55.8	130.0	14526.4	125.0	-57.6	99.9	293.3	32.1	25.5	-18.7	390.7	999.9	99.9	999.9	100.6	124.
61.2	134.3	15225.3	100.0	-61.2	99.9	279.4	12.4	12.2	-2.0	409.6	999.9	99.9	999.9	110.0	122.
67.5	146.3	17701.4	75.0	-67.2	99.9	298.1	21.8	18.0	-10.0	422.6	999.9	99.9	999.9	121.5	121.
76.3	155.7	20213.5	50.0	-64.1	99.9	276.3	21.8	21.7	-2.4	492.5	999.9	99.9	999.9	131.4	120.
90.1	169.3	24432.1	25.0	-66.9	99.9	289.4	16.2	13.3	-4.7	542.7	999.9	99.9	999.9	143.1	119.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 496  
FORT TOTTEN, N Y7 FEBRUARY 1975  
1115 GMT

TIME MIN	CHTCY	WRIGHT GON	PRFS MO	TFMP DG C	DEF PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE NM	AZ DG
0.0	5.4	8.0	1005.4	3.5	-6.7	999.9	99.9	99.9	99.9	276.5	282.6	2.3	47.0	99.9	999.9
0.1	5.7	51.8	1000.0	3.5	-5.4	999.9	99.9	99.9	99.9	277.0	283.6	2.6	52.0	999.9	999.9
0.3	7.8	256.7	975.0	1.4	-2.5	999.9	99.9	99.9	99.9	277.0	283.6	3.3	75.2	999.9	999.9
1.4	10.0	4.5.2	950.0	-0.7	-3.4	999.9	99.9	99.9	99.9	276.8	285.0	3.1	82.2	999.9	999.9
2.5	12.0	677.6	925.0	-2.3	-4.7	999.9	99.9	99.9	99.9	277.3	284.4	2.7	77.8	999.9	999.9
3.3	14.2	844.6	900.0	-4.0	-6.9	999.9	99.9	99.9	99.9	277.7	284.4	2.5	80.3	999.9	999.9
4.0	16.3	1114.5	875.0	-5.4	-6.2	999.9	99.9	99.9	99.9	278.5	285.7	2.7	90.1	999.9	999.9
4.7	18.5	1343.5	850.0	-7.0	-7.0	999.9	99.9	99.9	99.9	279.1	286.2	2.7	100.1	999.9	999.9
5.5	20.7	1575.9	825.0	-8.7	-8.7	999.9	99.9	99.9	99.9	279.7	286.1	2.4	99.8	999.9	999.9
6.2	23.1	1814.0	800.0	-9.8	-9.8	999.9	99.9	99.9	99.9	281.0	287.1	2.3	98.7	999.9	999.9
7.1	25.5	2054.6	775.0	-11.4	-11.4	999.9	99.9	99.9	99.9	281.8	287.3	2.0	98.9	999.9	999.9
7.9	27.8	2304.6	750.0	-12.4	-13.4	999.9	99.9	99.9	99.9	283.4	288.4	1.8	91.8	999.9	999.9
8.4	30.3	2561.5	725.0	-13.1	-17.5	999.9	99.9	99.9	99.9	285.3	289.1	1.3	69.1	999.9	999.9
9.3	33.0	2815.1	700.0	-14.5	-21.2	999.9	99.9	99.9	99.9	286.5	289.4	1.0	56.7	999.9	999.9
10.7	35.5	3110.1	675.0	-16.1	-23.2	999.9	99.9	99.9	99.9	287.8	290.3	0.9	54.1	999.9	999.9
11.6	38.1	3363.7	650.0	-17.5	-23.4	999.9	99.9	99.9	99.9	289.3	291.9	0.9	59.9	999.9	999.9
12.6	40.8	3620.7	625.0	-19.2	-24.5	999.9	99.9	99.9	99.9	290.6	293.1	0.8	62.6	999.9	999.9
13.7	43.4	3894.4	600.0	-21.0	-27.7	999.9	99.9	99.9	99.9	291.9	294.1	0.7	59.6	999.9	999.9
14.7	46.6	4172.3	575.0	-23.5	-30.3	999.9	99.9	99.9	99.9	292.5	294.2	0.5	53.2	999.9	999.9
15.4	49.5	4420.1	550.0	-25.7	-34.2	999.9	99.9	99.9	99.9	293.6	294.8	0.4	44.4	999.9	999.9
17.0	52.3	4941.7	525.0	-28.2	-38.0	999.9	99.9	99.9	99.9	294.5	295.4	0.3	38.5	999.9	999.9
18.2	55.6	5304.5	500.0	-31.3	-44.4	999.9	99.9	99.9	99.9	294.9	295.4	0.1	26.0	999.9	999.9
19.4	58.7	5670.8	475.0	-34.1	-50.7	999.9	99.9	99.9	99.9	295.7	296.0	0.1	16.6	999.9	999.9
20.7	62.3	6049.6	450.0	-37.6	-53.5	999.9	99.9	99.9	99.9	295.9	296.1	0.1	17.0	999.9	999.9
22.0	65.4	6414.6	425.0	-40.7	99.9	999.9	99.9	99.9	99.9	296.9	999.9	99.9	999.9	999.9	999.9
23.4	69.3	6948.4	400.0	-44.1	99.9	999.9	99.9	99.9	99.9	297.7	999.9	99.9	999.9	999.9	999.9
24.4	72.3	7274.8	375.0	-46.0	99.9	999.9	99.9	99.9	99.9	300.7	999.9	99.9	999.9	999.9	999.9
26.5	77.0	7740.8	350.0	-44.3	99.9	999.9	99.9	99.9	99.9	309.0	999.9	99.9	999.9	999.9	999.9
28.2	81.0	8236.5	325.0	-44.9	99.9	999.9	99.9	99.9	99.9	314.8	999.9	99.9	999.9	999.9	999.9
30.0	85.3	8769.3	300.0	-47.2	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.9
31.9	89.8	9344.2	275.0	-47.6	99.9	999.9	99.9	99.9	99.9	326.3	999.9	99.9	999.9	999.9	999.9
34.2	95.0	9970.4	250.0	-49.5	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.9
36.5	100.0	10660.2	225.0	-50.8	99.9	999.9	99.9	99.9	99.9	340.6	999.9	99.9	999.9	999.9	999.9
39.0	105.3	11421.9	200.0	-52.6	99.9	999.9	99.9	99.9	99.9	349.5	999.9	99.9	999.9	999.9	999.9
42.5	111.5	12331.8	175.0	-54.1	99.9	999.9	99.9	99.9	99.9	360.6	999.9	99.9	999.9	999.9	999.9
45.7	118.3	13244.6	150.0	-54.6	99.9	999.9	99.9	99.9	99.9	376.1	999.9	99.9	999.9	999.9	999.9
49.3	125.7	14421.1	125.0	-56.4	99.9	999.9	99.9	99.9	99.9	392.9	999.9	99.9	999.9	999.9	999.9
55.0	134.0	15849.3	100.0	-57.4	99.9	999.9	99.9	99.9	99.9	416.9	999.9	99.9	999.9	999.9	999.9
61.5	142.0	17660.3	75.0	-58.4	99.9	999.9	99.9	99.9	99.9	450.5	999.9	99.9	999.9	999.9	999.9
69.8	151.0	21187.6	50.0	-58.7	99.9	999.9	99.9	99.9	99.9	505.1	999.9	99.9	999.9	999.9	999.9
80.2	160.3	24461.6	25.0	-62.0	99.9	999.9	99.9	99.9	99.9	606.7	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE ON TEMP HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PHFS WJ	TEMP DG C	DEW PT DG C	DIR DG	SPFD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	NR RTD W/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	86.0	996.8	-3.3	-4.3	180.0	2.6	0.0	2.6	270.5	277.6	2.8	93.0	0.0	0.
00.9	92.7	94.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	7.7	262.3	975.0	-1.6	-3.6	288.3	9.5	9.0	-3.0	273.9	281.7	3.0	86.1	0.1	93.
1.0	9.9	468.6	950.0	-3.3	-4.7	283.7	11.7	11.4	-2.8	274.2	281.6	2.8	89.9	0.8	103.
2.7	12.0	679.0	925.0	-5.3	-5.3	281.9	10.3	9.6	-3.9	274.2	281.4	2.8	94.7	1.4	104.
3.5	14.4	891.9	900.0	-6.4	-6.4	302.7	11.1	9.3	-6.0	275.2	282.1	2.6	99.7	1.9	106.
4.4	16.4	1113.9	875.0	-7.4	-7.7	306.8	11.4	9.1	-6.8	276.4	282.8	2.4	97.4	2.5	112.
5.4	18.7	1339.1	850.0	-9.0	-10.0	306.3	12.0	9.7	-7.1	276.9	282.6	2.1	92.9	3.2	115.
6.3	20.7	1564.5	825.0	-10.5	-11.6	306.1	10.2	8.6	-5.1	277.7	282.6	1.9	91.4	3.8	117.
7.3	23.4	1806.4	800.0	-11.0	-12.1	287.9	9.7	8.6	-4.5	279.7	284.8	1.9	91.3	4.4	117.
8.2	25.7	2050.5	775.0	-11.2	-12.4	283.7	9.1	8.9	-2.2	283.0	287.2	1.9	91.1	4.9	116.
9.3	28.2	2301.8	750.0	-12.1	-13.8	270.5	10.4	10.4	-0.1	283.6	288.5	1.8	87.4	5.4	114.
10.2	30.8	2550.4	725.0	-13.6	-14.9	266.5	11.9	11.9	0.7	284.8	289.4	1.7	89.3	6.0	111.
11.2	33.4	2826.4	700.0	-15.3	-16.7	264.6	12.2	12.1	1.1	285.7	289.9	1.5	89.2	6.7	109.
12.4	36.3	3100.4	675.0	-17.1	-17.8	260.4	11.4	11.3	1.9	286.6	290.6	1.4	94.5	7.5	104.
13.6	38.8	3352.4	650.0	-19.1	-21.1	260.3	12.6	12.4	2.1	287.4	290.6	1.1	84.2	8.2	103.
14.8	41.4	3674.0	625.0	-20.5	-21.9	264.2	14.4	14.3	1.4	289.2	292.2	1.1	87.8	9.1	101.
16.0	44.3	3975.8	600.0	-21.4	-24.1	264.4	15.1	15.0	0.9	291.5	294.2	0.9	78.8	10.2	99.
17.4	47.4	4288.8	575.0	-23.2	-27.7	260.2	16.6	16.6	2.9	292.8	294.9	0.7	66.2	11.4	97.
18.7	50.4	4611.1	550.0	-25.3	-29.9	258.3	17.7	17.4	3.6	294.1	295.9	0.6	65.4	12.8	95.
20.2	53.4	4948.8	525.0	-28.3	-32.4	259.9	19.8	19.5	3.5	294.4	295.9	0.5	67.7	14.2	93.
21.6	56.5	5296.4	500.0	-31.1	-35.5	258.5	20.2	19.8	4.0	295.1	296.3	0.4	64.7	16.0	92.
23.0	59.9	5637.9	475.0	-34.5	-39.0	255.9	16.9	16.4	4.1	295.2	296.1	0.3	63.6	17.6	91.
24.6	63.4	5983.4	450.0	-37.7	-43.4	252.5	15.0	14.4	4.5	295.8	296.4	0.2	55.1	18.9	90.
26.0	66.9	6324.6	425.0	-41.4	-49.9	252.5	18.6	17.7	5.6	296.0	299.9	99.9	99.9	20.4	88.
27.6	70.5	6673.5	400.0	-44.4	-49.9	245.9	20.0	18.3	8.2	297.3	299.9	99.9	99.9	22.0	87.
29.3	74.3	7022.2	375.0	-48.2	-49.9	242.9	24.0	21.4	10.9	297.8	299.9	99.9	99.9	24.2	85.
31.3	78.5	7371.7	350.0	-52.1	-49.9	238.0	22.1	18.8	11.7	298.5	299.9	99.9	99.9	26.6	82.
33.6	82.6	8144.3	325.0	-49.3	-49.9	240.2	30.8	24.7	15.3	308.7	299.9	99.9	99.9	30.1	80.
35.4	87.0	8721.6	300.0	-48.5	-49.9	239.0	37.1	31.8	19.1	317.0	299.9	99.9	99.9	33.6	77.
37.3	91.5	9290.4	275.0	-50.5	-49.9	235.1	40.0	32.8	22.9	322.1	299.9	99.9	99.9	37.7	75.
39.7	96.6	9911.1	250.0	-51.7	-49.9	237.2	51.4	43.2	27.8	329.3	299.9	99.9	99.9	43.9	72.
42.3	101.3	10495.4	225.0	-50.0	-49.9	236.7	43.6	40.5	24.0	342.0	299.9	99.9	99.9	51.1	71.
44.8	107.5	11105.0	200.0	-51.4	-49.9	239.2	47.9	41.2	24.5	351.4	299.9	99.9	99.9	58.2	68.
47.8	113.8	12229.4	175.0	-53.1	-49.9	242.6	48.9	43.4	22.5	362.3	299.9	99.9	99.9	65.7	66.
51.2	120.3	13270.3	150.0	-54.5	-49.9	249.4	47.2	44.2	16.6	376.2	299.9	99.9	99.9	75.1	68.
55.6	127.7	14308.9	125.0	-54.7	-49.9	244.0	34.9	31.4	15.3	394.0	299.9	99.9	99.9	85.4	68.
60.9	135.7	15804.1	100.0	-56.1	-49.9	247.2	38.8	35.6	15.0	419.4	299.9	99.9	99.9	96.8	67.
66.8	143.3	17626.7	75.0	-59.6	-49.9	259.4	28.8	28.4	8.9	448.0	299.9	99.9	99.9	109.4	67.
73.4	151.7	20170.0	50.0	-60.9	-49.9	243.6	24.8	22.2	11.0	500.1	299.9	99.9	99.9	124.6	69.
80.0	161.9	22444.9	25.0	-64.9	-49.9	249.9	99.9	99.9	99.9	99.9	299.9	99.9	99.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
° BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 520  
PITTSBURGH, PA  
7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	HEIGHT GUM	P-LES MB	TEMP DG C	QEN PT DG C	QIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX PTO GM/KG	RM PCY	RANGE KM	AZ DG
3.0	7.2	111.0	470.2	-8.5	-17.1	100.0	5.6	4.8	-2.6	267.1	269.8	1.0	49.0	0.0	0.
00.9	90.9	92.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	90.9	92.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.4	51.4	470.0	-4.9	-15.2	208.4	10.2	9.0	-4.9	267.3	270.5	1.2	65.3	0.4	115.
1.2	10.9	72.4	425.0	-12.1	-16.1	291.8	9.8	9.1	-3.6	267.1	270.5	1.2	65.3	0.4	115.
1.8	13.0	93.8	400.0	-14.0	-15.4	297.8	13.9	13.2	-4.3	267.2	270.5	1.2	66.2	0.8	116.
2.4	15.2	114.4	475.0	-14.9	-15.6	273.3	16.1	16.1	-0.4	268.5	271.9	1.3	94.4	2.1	109.
3.5	17.1	130.4	470.0	-16.3	-16.6	263.7	14.9	14.8	1.6	269.2	272.4	1.2	97.8	2.8	103.
4.4	19.6	152.4	425.0	-16.5	-21.3	276.7	12.4	12.3	-1.5	271.2	273.6	0.8	66.5	3.5	100.
5.2	21.7	182.6	400.0	-16.2	-28.1	286.4	12.1	11.6	-3.4	273.9	275.2	0.5	34.8	4.1	100.
6.0	24.2	202.9	775.0	-17.5	-29.4	276.1	11.8	11.7	-1.3	275.0	276.4	0.5	38.1	4.6	101.
6.4	26.4	230.4	710.0	-16.2	-21.3	265.4	15.0	15.0	1.2	279.1	281.7	0.9	64.2	5.3	99.
7.9	28.9	256.1	725.0	-16.6	-18.6	262.8	15.7	15.5	2.0	281.3	284.8	1.2	85.4	6.2	97.
8.8	31.5	287.4	700.0	-17.4	-18.7	261.9	16.4	16.6	2.4	283.4	286.9	1.2	89.4	7.1	95.
9.4	34.3	309.4	675.0	-17.1	-19.5	260.1	17.6	17.4	3.0	284.4	287.9	1.2	96.6	8.1	94.
10.7	36.6	339.7	650.0	-20.5	-21.0	257.4	18.4	18.5	4.1	285.9	289.0	1.1	95.9	9.0	92.
11.7	39.3	369.0	625.0	-22.2	-23.5	258.0	18.1	17.7	3.8	287.1	289.8	0.9	89.4	10.1	90.
12.7	41.8	394.1	600.0	-24.2	-26.5	259.0	18.6	18.2	3.9	288.1	290.3	0.7	81.2	11.2	89.
13.8	44.7	427.1	575.0	-20.4	-24.9	256.4	20.4	19.9	4.8	289.2	291.0	0.6	70.0	12.5	88.
14.9	47.5	454.7	550.0	-24.8	-33.2	254.8	21.4	20.8	5.7	289.9	291.2	0.4	65.3	13.8	87.
16.0	50.5	482.4	525.0	-31.2	-36.1	253.7	22.3	21.4	6.2	290.9	292.0	0.3	61.5	15.3	85.
17.2	53.5	512.7	500.0	-33.6	-36.9	256.1	22.3	21.6	5.4	292.1	293.1	0.3	71.8	16.8	84.
18.3	56.5	541.1	475.0	-35.8	-39.2	258.2	20.9	20.5	4.3	293.7	294.5	0.3	70.5	18.3	84.
19.7	59.7	569.3	450.0	-39.2	-41.4	255.8	20.5	19.8	5.0	293.9	294.6	0.2	79.3	20.0	83.
21.0	63.3	597.1	425.0	-42.3	-44.7	254.6	22.6	21.7	6.0	294.9	299.9	99.9	99.9	21.6	83.
22.4	66.7	624.5	400.0	-45.3	-49.9	250.0	23.3	21.9	8.0	296.1	299.9	99.9	99.9	23.7	82.
23.8	70.3	652.8	375.0	-48.5	-49.9	244.1	21.6	19.4	9.4	297.4	299.9	99.9	99.9	25.4	81.
25.1	73.9	680.4	350.0	-51.0	-49.9	248.5	21.3	19.4	7.8	300.0	299.9	99.9	99.9	27.4	80.
26.7	77.3	707.4	325.0	-51.8	-49.9	250.9	26.5	24.0	8.7	305.3	299.9	99.9	99.9	29.7	79.
28.7	82.3	734.4	300.0	-51.6	-49.9	256.4	26.1	25.4	6.2	312.6	299.9	99.9	99.9	32.2	78.
30.5	86.3	760.2	275.0	-50.7	-49.9	250.2	31.1	29.5	10.6	321.8	299.9	99.9	99.9	35.4	78.
32.5	91.3	785.2	250.0	-49.6	-49.9	251.3	32.4	30.7	10.4	327.3	299.9	99.9	99.9	39.0	77.
34.6	96.3	810.4	225.0	-47.7	-49.9	250.0	34.1	33.0	8.8	343.1	299.9	99.9	99.9	43.5	77.
37.2	101.3	835.7	200.0	-44.1	-49.9	250.0	32.7	32.2	5.5	355.0	299.9	99.9	99.9	49.0	77.
39.7	107.5	860.1	175.0	-52.7	-49.9	254.3	36.9	35.5	10.0	363.8	299.9	99.9	99.9	54.3	77.
42.9	114.0	884.8	150.0	-53.5	-49.9	256.0	38.5	35.1	10.1	378.0	299.9	99.9	99.9	61.4	77.
45.4	121.5	909.4	125.0	-55.5	-49.9	260.3	36.4	33.0	8.2	394.5	299.9	99.9	99.9	68.1	77.
50.0	130.0	934.1	100.0	-57.1	-49.9	250.7	24.3	23.0	8.0	417.3	299.9	99.9	99.9	76.1	77.
55.7	130.0	959.0	75.0	-59.2	-49.9	264.7	22.9	22.8	2.1	448.9	299.9	99.9	99.9	84.3	77.
62.4	140.7	984.0	50.0	-64.3	-49.9	257.7	25.4	24.8	5.4	492.0	299.9	99.9	99.9	94.2	77.
74.4	159.3	1015.7	25.0	-65.2	-49.9	271.4	23.0	23.0	-0.6	597.6	299.9	99.9	99.9	110.9	78.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 PY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
00 PY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 52H  
BUFFALO, N Y7 FEBRUARY 1975  
1115 GMT

95 265. 0

TIME MIN	CNTCT	HEIGHT FT-M	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MN RTO GM/KG	RM PCT	RANGE KM	AZ DC
0.0	6.6	214.0	942.4	-3.9	-5.6	280.0	5.7	5.6	-1.0	270.9	277.5	2.6	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	9.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	7.1	277.6	975.0	-4.7	-7.9	275.3	9.7	9.7	-0.9	270.6	276.3	2.2	78.6	0.3	102.
0.8	6.7	431.5	950.0	-6.5	-7.4	278.1	9.8	9.7	-1.4	270.9	276.8	2.3	93.5	0.5	99.
1.5	12.3	659.3	925.0	-8.6	-8.7	283.0	10.9	10.6	-2.5	270.8	276.4	2.1	98.8	0.9	100.
2.2	14.5	901.4	900.0	-10.1	-10.3	291.0	11.2	10.4	-4.0	271.3	276.4	1.9	98.6	1.3	102.
2.8	16.3	1114.1	875.0	-11.4	-11.6	294.7	9.7	8.5	-4.6	272.2	276.9	1.8	98.4	1.6	106.
3.7	19.7	1343.1	850.0	-12.9	-13.3	290.4	8.6	6.1	-3.0	272.8	277.1	1.6	97.0	2.2	108.
4.6	22.1	1567.0	825.0	-14.6	-15.2	277.4	9.3	9.3	-1.2	273.4	277.2	1.4	95.0	2.6	108.
5.1	24.3	1747.6	800.0	-16.1	-16.0	282.3	10.9	10.8	1.4	274.1	277.6	1.3	95.9	2.9	105.
5.4	27.3	2014.7	775.0	-17.7	-18.2	287.9	13.6	12.6	5.1	274.9	278.2	1.2	95.4	3.4	101.
6.5	30.3	2272.6	750.0	-20.0	-20.6	290.9	14.8	14.0	4.9	275.0	277.7	1.0	94.7	3.9	95.
7.5	33.2	2531.5	725.0	-20.5	-26.7	294.4	14.0	17.3	4.8	277.0	278.7	0.6	57.7	4.8	92.
8.3	35.9	2741.1	700.0	-20.6	-35.4	295.9	21.4	20.8	5.2	279.6	280.5	0.3	25.3	5.7	89.
9.2	38.9	3142.4	675.0	-21.0	-35.4	295.9	22.3	21.6	5.4	282.1	283.0	0.3	25.9	6.9	87.
10.2	41.4	3361.0	650.0	-21.3	-35.4	293.2	21.8	21.8	6.6	285.8	285.7	0.3	26.8	8.3	85.
11.1	44.1	3610.1	625.0	-21.9	-36.1	291.7	23.3	22.2	7.3	287.4	288.2	0.3	26.3	9.8	83.
12.2	46.1	3877.8	600.0	-23.6	-37.2	289.8	23.5	22.1	8.1	288.9	289.7	0.3	26.9	11.1	81.
13.2	51.1	4217.4	575.0	-26.1	-38.8	288.1	22.2	20.6	8.3	289.5	290.2	0.2	28.0	12.5	80.
14.3	54.5	4500.2	550.0	-27.8	-40.3	289.0	23.1	21.6	8.3	291.1	291.8	0.2	28.8	13.8	79.
15.5	57.7	4816.1	525.0	-30.2	-41.1	286.4	24.1	22.1	9.7	292.1	292.7	0.2	33.2	15.5	78.
16.7	61.3	5213.4	500.0	-32.8	-41.6	284.1	22.6	20.4	9.9	293.0	293.7	0.2	40.7	17.1	76.
17.9	65.0	5557.4	475.0	-35.5	-42.9	283.5	21.2	19.0	9.4	294.0	294.6	0.2	45.9	18.7	75.
19.1	68.3	5971.8	450.0	-38.3	-44.7	285.7	20.6	18.7	8.5	295.1	295.6	0.2	50.2	20.1	75.
20.5	72.1	6371.3	425.0	-41.4	-49.9	287.2	20.9	19.3	8.1	296.1	296.9	99.9	99.9	22.0	74.
22.1	76.1	6771.1	400.0	-44.7	-49.9	288.1	21.5	19.7	8.0	296.9	299.9	99.9	99.9	23.8	73.
23.6	80.1	7200.0	375.0	-47.9	-49.9	290.8	20.8	19.0	6.8	293.3	297.9	99.9	99.9	25.8	72.
24.1	84.3	7631.9	350.0	-51.1	-49.9	293.6	19.4	19.1	5.6	299.8	299.9	99.9	99.9	27.7	73.
26.4	88.6	8170.3	325.0	-54.1	-49.9	297.9	23.4	23.5	9.5	302.1	299.9	99.9	99.9	30.0	72.
28.4	93.1	8650.8	300.0	-56.4	-49.9	294.2	24.2	21.7	10.5	305.8	299.9	99.9	99.9	32.5	72.
30.5	98.3	9194.3	275.0	-55.1	-49.9	299.9	99.9	99.9	99.9	315.1	299.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 PV SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 99 PV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PFORIA, ILL

7 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF 41MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00.0	5.0	200.0	996.6	-16.1	-18.9	220.0	3.1	2.0	2.4	257.4	259.6	0.9	79.0	0.0	0.
00.9	96.3	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.8	6.7	365.2	975.0	-16.1	-19.4	308.7	3.3	2.6	-2.1	259.0	261.2	0.8	74.5	0.4	62.
1.4	9.3	500.4	950.0	-17.2	-24.1	270.6	7.9	7.9	-0.1	259.8	261.4	0.6	54.6	0.6	77.
2.5	11.0	760.4	925.0	-15.7	-22.6	266.7	10.9	10.8	0.7	263.4	265.2	0.7	54.6	1.1	83.
3.4	13.4	764.6	400.0	-13.9	-23.1	272.9	13.6	13.6	-0.7	267.2	269.1	0.7	45.6	1.8	85.
4.2	15.6	1132.5	875.0	-14.6	-26.6	274.5	13.4	13.4	-1.0	268.7	270.1	0.5	34.9	2.5	88.
5.2	17.2	1401.6	850.0	-15.4	-28.1	277.2	14.3	14.2	-1.8	270.1	271.4	0.4	32.4	3.2	90.
6.1	20.3	1427.0	825.0	-15.4	-28.7	280.8	14.4	16.1	-3.1	272.4	273.7	0.5	32.6	4.1	92.
7.1	22.7	1454.8	800.0	-14.4	-34.4	283.4	14.9	16.4	-3.9	275.8	276.6	0.3	16.4	5.1	94.
8.1	25.2	2100.9	775.0	-13.4	-33.9	285.9	14.2	17.6	-4.8	279.2	280.0	0.3	16.1	6.1	95.
9.1	27.6	2150.0	750.0	-14.1	-34.3	286.5	17.5	16.8	-5.0	281.3	282.2	0.3	16.1	7.1	97.
10.1	30.1	2600.4	725.0	-15.1	-35.0	287.6	18.9	18.0	-5.7	282.9	283.7	0.3	16.3	8.1	98.
11.0	33.0	2871.1	700.0	-16.8	-33.4	291.6	19.5	18.1	-7.3	284.0	285.0	0.3	22.0	9.2	100.
12.1	35.3	3144.0	675.0	-18.0	-29.2	294.0	21.2	19.4	-8.6	285.5	287.0	0.5	36.7	10.5	101.
13.2	38.3	3425.6	650.0	-19.0	-28.6	295.9	23.3	21.0	-10.1	287.5	289.2	0.5	42.0	12.0	103.
14.3	41.0	3714.2	625.0	-21.4	-26.8	298.0	23.4	20.7	-11.0	288.1	289.8	0.6	50.6	13.5	105.
15.4	43.4	4017.7	600.0	-21.5	-37.1	296.9	24.9	22.2	-11.3	291.3	292.1	0.3	22.7	15.0	106.
16.5	46.4	4324.7	575.0	-23.7	-34.3	298.5	27.0	23.7	-12.9	292.2	293.3	0.4	37.0	16.7	107.
17.5	49.2	4653.0	550.0	-25.9	-32.2	298.1	24.2	21.3	-11.5	293.4	294.8	0.5	55.5	18.3	109.
18.7	52.4	4944.5	525.0	-28.1	-35.0	294.8	25.6	22.7	-12.7	294.6	295.8	0.4	51.3	20.0	109.
20.0	55.9	5339.1	500.0	-28.8	-36.9	305.6	28.4	23.1	-16.5	298.0	299.0	0.3	45.3	22.1	110.
21.4	59.1	5701.1	475.0	-31.9	-38.9	313.6	27.6	20.0	-19.0	298.5	299.4	0.3	49.3	24.3	112.
22.9	62.7	6033.7	450.0	-34.6	-42.7	317.2	30.4	20.7	-22.3	299.7	300.4	0.2	43.0	26.6	114.
24.3	66.0	6430.1	425.0	-37.4	-45.0	317.6	35.4	23.7	-26.2	301.1	301.6	0.2	44.3	29.2	117.
25.8	69.7	6895.6	400.0	-41.2	99.9	317.6	35.2	23.4	-26.0	301.4	999.9	99.9	999.9	32.3	119.
27.5	73.4	7330.3	375.0	-45.7	99.7	314.3	35.2	25.1	-24.6	301.6	999.9	99.9	999.9	35.6	120.
29.3	77.3	7747.4	350.0	-48.5	99.3	314.3	40.0	28.6	-27.9	303.4	999.9	99.9	999.9	39.4	122.
31.0	81.5	8221.7	325.0	-51.6	99.9	317.1	39.28	26.7	-28.7	305.5	999.9	99.9	999.9	43.6	123.
33.5	85.7	8787.0	300.0	-55.3	99.9	320.0	41.28	26.7	-31.6	307.5	999.9	99.9	999.9	48.0	124.
35.0	90.4	9334.8	275.0	-58.1	99.9	320.0	37.18	23.9	-28.4	311.1	999.9	99.9	999.9	52.6	126.
37.1	95.3	9434.4	250.0	-58.3	99.9	310.0	35.98	27.5	-23.1	319.5	999.9	99.9	999.9	56.8	127.
39.4	100.4	10609.1	225.0	-54.5	99.9	306.9	37.38	19.8	-22.4	334.9	999.9	99.9	999.9	62.5	127.
42.5	106.0	11344.8	200.0	-52.4	99.9	292.9	36.88	33.5	-14.1	349.8	999.9	99.9	999.9	68.4	128.
45.4	112.3	12227.9	175.0	-54.0	99.9	282.1	32.18	31.4	-6.7	360.8	999.9	99.9	999.9	74.6	128.
49.5	118.5	13214.2	150.0	-54.0	99.9	287.0	32.68	31.1	-9.5	377.1	999.9	99.9	999.9	81.5	123.
54.0	126.3	14385.5	125.0	-55.9	99.9	271.0	25.38	25.3	-0.4	393.8	999.9	99.9	999.9	89.3	121.
59.7	135.0	15741.9	100.0	-58.4	99.9	280.6	24.68	24.0	-4.5	414.9	999.9	99.9	999.9	97.8	119.
66.2	146.7	17547.4	75.0	-61.8	99.9	278.8	24.38	24.0	-3.7	443.4	999.9	99.9	999.9	107.3	117.
73.6	154.7	20104.3	50.0	-63.0	99.9	265.2	24.18	24.0	2.0	495.0	999.9	99.9	999.9	118.8	115.
90.1	166.5	24346.4	25.0	-61.7	99.9	243.6	11.48	10.4	-4.6	607.5	999.9	99.9	999.9	135.6	113.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
 OMAHA, NEH

 7 FEBRUARY 1975  
 1116 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRFS WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	8.7	403.0	966.2	-13.7	-16.1	220.0	3.6	2.3	2.8	262.1	264.6	0.9	69.0	0.0	0.
00.0	99.7	96.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.7	54.2	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.5	10.2	170.2	950.0	-8.3	-14.9	237.2	18.8	18.8	14.6	264.9	272.3	1.3	59.2	0.2	56.
1.2	12.3	740.8	925.0	-1.9	-13.2	257.9	18.3	17.2	14.6	264.9	281.7	1.5	41.5	1.0	60.
1.9	14.7	954.6	900.0	-2.5	-16.0	235.2	16.1	13.2	9.2	279.1	282.5	1.2	34.5	1.7	62.
2.6	16.8	181.4	875.0	-4.1	-16.3	256.0	15.9	15.0	3.3	279.6	283.0	1.2	37.9	2.4	64.
3.4	19.3	144.3	850.0	-5.6	-15.1	270.1	15.9	15.9	-0.0	284.3	284.3	1.4	47.0	3.1	69.
4.1	21.5	164.9	825.0	-7.0	-15.1	278.0	17.6	17.4	-2.4	281.4	285.4	1.4	52.1	3.8	74.
4.9	24.1	194.2	800.0	-7.9	-19.7	291.1	18.9	17.6	-6.6	282.8	285.7	1.0	34.2	4.5	79.
5.7	26.3	212.4	775.0	-9.2	-20.7	295.4	19.4	17.9	-8.6	284.0	286.7	0.9	38.7	5.3	85.
6.4	29.0	231.3	750.0	-10.2	-33.1	297.3	17.9	15.9	-8.2	285.5	288.5	0.3	13.3	6.2	90.
7.4	31.7	251.9	725.0	-11.7	-33.5	298.6	20.1	17.0	-9.6	287.1	289.1	0.3	13.9	7.0	93.
8.2	34.3	291.0	700.0	-13.0	-28.6	301.0	22.4	19.2	-11.5	288.2	289.7	0.5	25.6	7.9	96.
9.2	36.9	318.4	675.0	-13.1	-28.0	304.9	23.6	19.5	-13.6	291.1	292.6	0.6	27.4	9.1	100.
10.0	39.3	347.6	650.0	-14.1	-24.2	310.3	24.5	18.7	-15.6	293.1	295.6	0.6	42.3	10.3	103.
11.0	42.4	371.6	625.0	-15.5	-26.3	315.7	25.0	17.5	-17.9	294.8	297.0	0.7	38.9	11.6	107.
12.0	45.3	407.4	600.0	-17.9	-27.2	315.7	26.8	18.7	-19.2	295.4	297.5	0.7	43.8	12.8	110.
13.0	48.1	434.5	575.0	-20.2	-28.0	313.6	29.0	21.0	-20.0	296.4	298.4	0.7	49.3	14.5	113.
14.2	51.3	472.1	550.0	-22.3	-29.6	311.9	31.1	23.1	-20.7	297.7	299.6	0.6	51.3	16.5	116.
15.3	54.4	506.1	525.0	-24.4	-33.5	307.8	33.4	26.4	-20.5	299.1	300.4	0.4	62.7	18.7	117.
16.4	57.4	541.0	500.0	-26.2	-32.8	307.7	30.3	24.0	-18.5	301.1	302.6	0.5	53.9	20.8	118.
17.7	60.7	578.7	475.0	-28.7	-36.0	307.9	29.8	23.7	-18.1	302.4	303.6	0.4	49.1	23.0	119.
18.9	64.1	617.7	450.0	-32.0	-38.5	306.0	31.6	25.6	-18.6	303.0	304.0	0.3	51.8	25.0	120.
20.2	67.3	657.2	425.0	-34.9	-40.6	304.7	32.9	27.1	-18.7	304.3	305.2	0.3	55.8	27.7	120.
21.7	71.0	693.1	400.0	-38.4	-44.6	303.7	32.8	27.3	-18.2	305.1	305.7	0.2	51.5	30.6	121.
23.2	74.3	743.2	375.0	-41.4	-49.9	307.6	32.7	25.9	-19.9	306.8	309.9	0.9	99.9	33.7	121.
24.9	78.1	793.5	350.0	-44.8	-49.9	311.4	36.1	25.4	-22.7	309.3	309.9	0.9	99.9	36.9	122.
26.4	82.4	839.6	325.0	-48.3	-49.9	315.1	38.5	25.8	-25.9	310.1	309.9	0.9	99.9	40.6	123.
28.4	86.3	904.3	300.0	-51.7	-49.9	315.7	38.5	26.9	-27.5	312.4	309.9	0.9	99.9	44.9	124.
30.5	91.4	947.2	275.0	-55.1	-49.9	314.2	41.38	15.5	-34.6	315.5	309.9	0.9	99.9	49.9	125.
32.6	96.0	1007.3	250.0	-58.7	-49.9	309.5	45.78	31.8	-26.2	318.9	309.9	0.9	99.9	55.2	126.
35.3	101.0	1079.4	225.0	-61.1	-49.9	306.7	45.78	16.5	-27.3	324.8	309.9	0.9	99.9	61.8	126.
37.4	106.5	1140.6	200.0	-57.1	-49.9	301.5	43.98	37.4	-27.9	342.3	309.9	0.9	99.9	67.4	126.
40.5	112.5	1231.5	175.0	-55.1	-49.9	298.5	34.18	30.0	-16.3	359.0	309.9	0.9	99.9	74.3	126.
44.1	118.8	1330.1	150.0	-55.7	-49.9	295.3	30.48	31.1	-17.4	374.1	309.9	0.9	99.9	81.6	126.
48.4	124.0	1444.0	125.0	-57.7	-49.9	296.2	30.38	27.2	-17.4	390.6	309.9	0.9	99.9	88.6	126.
53.4	134.0	1585.9	100.0	-59.5	-49.9	291.9	30.48	28.2	-11.3	412.7	309.9	0.9	99.9	99.2	122.
60.0	142.0	1765.3	75.0	-62.2	-49.9	291.6	26.58	24.6	-9.7	442.5	309.9	0.9	99.9	107.7	122.
68.0	153.7	2013.7	50.0	-62.6	-49.9	295.4	23.88	21.5	-10.2	494.1	309.9	0.9	99.9	118.8	121.
83.2	159.5	2443.9	25.0	-63.1	-49.9	99.9	99.9	99.9	99.9	603.6	309.9	0.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 562  
NORTH PLATTE, NEB  
7 FEBRUARY 1975  
1115 GMT

TIME MUT	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND CM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.1	847.0	913.6	-15.0	-18.1	J30.0	2.6	1.3	-2.3	265.0	267.7	1.0	76.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.2	943.0	900.0	-5.2	-18.0	99.9	99.9	99.9	99.9	276.3	279.7	1.2	43.0	99.9	99.9
1.2	15.2	1144.4	875.0	0.9	-17.4	99.9	99.9	99.9	99.9	286.9	288.1	1.1	23.8	99.9	99.9
2.1	17.2	1470.3	950.0	-0.6	-19.3	305.2	21.1	17.1	-12.3	285.6	289.4	1.0	22.7	2.0	116.
2.9	19.4	1658.4	825.0	-1.5	-21.4	312.4	17.5	12.9	-11.8	287.1	289.6	0.8	20.1	3.0	121.
3.9	21.4	1402.6	800.0	-3.4	-23.2	304.8	15.0	11.5	-9.6	287.6	289.8	0.7	19.9	4.0	124.
4.8	23.7	1175.5	775.0	-5.4	-25.4	295.0	13.1	11.6	-8.5	288.1	290.3	0.7	22.2	4.7	124.
5.6	25.4	2409.0	750.0	-6.7	-26.1	283.1	16.0	15.5	-8.8	289.3	291.2	0.6	19.5	5.4	122.
6.5	28.1	2673.2	725.0	-7.6	-28.8	279.4	14.0	17.8	-2.9	291.2	292.7	0.5	16.2	6.3	118.
7.4	30.7	2455.6	700.0	-9.1	-32.1	280.7	18.6	18.3	-3.5	292.4	293.6	0.4	13.3	7.2	116.
8.4	33.1	3223.9	675.0	-10.8	-37.7	282.6	21.4	20.9	-8.7	293.5	294.7	0.4	14.5	8.3	114.
9.4	35.3	3515.2	650.0	-11.9	-38.6	281.2	23.2	22.7	-8.5	295.5	296.5	0.3	13.1	9.6	112.
10.4	38.3	3418.4	625.0	-12.7	-39.1	279.3	22.6	22.3	-3.8	297.9	298.8	0.3	12.0	11.0	111.
11.5	40.3	4125.0	600.0	-15.2	-37.7	283.6	23.7	23.0	-5.6	298.5	299.3	0.2	12.5	12.5	110.
12.6	43.2	4845.1	575.0	-17.3	-38.2	289.2	22.7	21.5	-7.5	299.7	300.5	0.2	14.2	14.0	109.
13.7	45.9	4776.5	550.0	-20.1	-36.7	291.5	23.0	21.4	-8.4	300.2	301.2	0.3	22.2	15.6	109.
15.0	48.1	5114.5	525.0	-22.8	-38.7	294.3	24.9	22.7	-10.2	301.0	301.8	0.3	21.8	17.4	110.
16.2	51.4	5476.1	500.0	-24.7	-41.4	297.5	28.1	24.9	-13.0	302.9	303.6	0.2	19.4	19.2	110.
17.6	54.3	5848.2	475.0	-27.4	-43.2	296.8	14.8	31.1	-15.7	305.3	305.7	0.1	14.9	21.9	111.
19.2	57.9	6216.1	450.0	-29.9	-47.9	294.9	14.3	31.1	-14.4	305.6	306.0	0.1	15.3	25.2	112.
20.7	61.3	6640.7	425.0	-32.4	-49.9	293.1	14.0	35.0	-14.9	307.5	307.8	0.1	15.5	28.5	112.
22.4	64.9	7064.9	400.0	-34.5	-49.0	303.5	34.0	32.4	-21.5	310.1	310.5	0.1	19.4	32.3	113.
24.1	68.0	7515.4	375.0	-36.5	-46.4	307.6	45.68	36.1	-27.8	313.2	313.8	0.2	34.6	36.8	114.
25.9	71.5	7941.1	350.0	-34.9	-49.9	306.5	48.79	39.1	-29.0	314.9	314.9	99.9	99.9	41.6	114.
27.6	75.3	8492.1	325.0	-44.9	99.9	303.0	51.39	44.7	-24.0	314.8	314.8	99.9	99.9	46.7	117.
29.3	79.3	9021.7	300.0	-50.0	99.9	301.3	46.18	48.6	-25.3	315.0	315.0	99.9	99.9	52.1	118.
31.4	84.0	9547.7	275.0	-55.0	99.9	303.5	54.24	45.2	-29.9	315.6	315.6	99.9	99.9	58.5	118.
33.6	88.0	10194.8	250.0	-60.2	99.9	308.2	49.48	34.8	-30.5	316.6	316.6	99.9	99.9	64.9	118.
36.2	91.3	10436.4	225.0	-62.5	99.9	304.3	44.18	40.5	-27.7	322.2	322.2	99.9	99.9	71.7	120.
38.9	94.2	11567.9	200.0	-58.2	99.9	296.7	36.99	31.0	-1.5	340.6	340.6	99.9	99.9	78.7	120.
42.0	105.0	12410.4	175.0	-57.9	99.9	294.9	54.86	49.7	-23.1	354.4	354.4	99.9	99.9	84.9	119.
45.7	111.7	13181.1	150.0	-57.7	99.9	296.4	52.86	47.1	-23.4	370.7	370.7	99.9	99.9	98.5	119.
50.1	119.1	14533.4	125.0	-56.1	99.9	295.4	48.49	44.1	-21.0	384.9	384.9	99.9	99.9	111.3	119.
55.0	128.3	15427.8	100.0	-61.4	99.9	294.9	33.27	30.1	-14.0	409.1	409.1	99.9	99.9	123.1	118.
61.2	138.7	17114.4	75.0	-61.6	99.9	309.9	25.48	19.5	-16.3	443.8	443.8	99.9	99.9	134.0	118.
64.3	150.0	20222.5	50.0	-63.0	99.9	296.0	14.46	12.9	-6.3	495.1	495.1	99.9	99.9	144.7	118.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 806  
PORTLAND, ME

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CMTCY	WPGHT GPH	PRFS WD	TEMP DG C	NEW DT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.3	20.0	102.6	-2.8	-5.0	350.0	2.6	0.5	-2.6	270.8	277.2	2.4	85.0	0.0	0.
0.1	6.1	40.6	100.0	-2.7	-6.2	350.0	99.9	99.9	99.9	270.8	277.0	2.4	77.1	999.9	999.
0.9	8.4	241.4	73.0	-3.1	-3.7	350.0	99.9	99.9	99.9	272.4	280.0	3.0	95.5	999.9	999.
1.6	10.5	442.1	90.0	-3.9	-3.9	350.0	99.9	99.9	99.9	273.6	281.4	3.0	101.4	999.9	999.
2.6	12.7	654.9	925.0	-5.7	-6.6	35.5	2.7	-1.7	-2.1	273.8	280.3	2.5	93.1	0.4	218.
3.1	15.0	871.5	900.0	-6.3	-7.6	155.9	1.0	-0.4	0.9	275.3	281.6	2.4	90.8	0.5	217.
3.4	17.1	1011.4	975.0	-7.4	-7.4	204.5	3.4	1.3	3.2	276.4	283.0	2.5	99.6	0.4	225.
6.7	19.5	1312.5	410.0	-8.4	-8.4	350.0	99.9	99.9	99.9	277.7	284.0	2.4	100.4	999.9	999.
5.5	21.7	1504.7	825.0	-9.8	-9.8	350.0	99.9	99.9	99.9	278.5	284.3	2.2	99.7	999.9	999.
6.5	24.2	1744.9	800.0	-10.6	-10.6	350.0	99.9	99.9	99.9	280.1	285.4	2.1	100.4	999.9	999.
7.1	26.4	2031.0	775.0	-11.6	-11.6	350.0	99.9	99.9	99.9	281.6	287.1	2.0	102.8	999.9	999.
8.1	29.0	2241.0	710.0	-12.7	-12.3	350.0	99.9	99.9	99.9	283.0	288.3	1.9	98.5	999.9	999.
9.0	31.5	2511.2	725.0	-14.2	-14.4	271.4	4.4	4.4	-0.2	284.1	288.9	1.7	98.2	1.6	99.
9.9	34.2	2702.1	700.0	-15.1	-15.1	263.1	9.6	9.6	1.1	286.5	291.3	1.7	96.1	2.1	89.
10.4	36.4	2842.6	675.0	-15.5	-17.7	256.6	10.7	10.3	2.8	288.5	292.5	1.4	82.9	2.7	87.
11.8	39.3	3142.7	630.0	-17.4	-20.3	250.2	11.1	10.4	3.8	289.4	292.8	1.2	77.8	3.3	86.
12.9	41.5	3452.6	625.0	-19.1	-22.0	249.0	13.2	12.3	4.7	290.7	293.8	1.0	77.3	4.9	79.
13.9	44.4	3642.2	670.0	-21.2	-24.7	247.0	14.4	13.2	5.6	291.6	294.2	0.9	73.5	5.9	78.
15.0	47.7	4271.1	575.0	-23.7	-26.8	246.6	14.8	13.5	5.9	292.3	294.5	0.7	75.4	5.8	77.
16.1	50.5	4590.5	550.0	-24.0	-30.0	250.5	15.6	14.7	5.2	293.3	295.1	0.6	69.0	6.8	75.
17.3	53.4	4931.6	527.2	-24.6	-34.4	251.7	10.5	15.7	8.0	294.1	295.3	0.4	56.8	8.0	75.
18.4	56.4	5274.2	500.0	-31.4	-39.0	243.3	17.9	16.0	0.0	294.8	295.4	0.2	43.8	9.1	74.
19.7	59.6	5600.4	475.0	-34.0	-43.4	237.0	22.9	14.2	12.5	295.9	296.5	0.2	37.6	10.5	72.
20.9	62.9	6018.7	450.0	-37.1	-46.1	237.6	28.9	14.2	15.5	296.6	297.0	0.1	37.1	12.3	70.
22.1	66.1	6402.0	425.0	-40.5	-49.9	239.4	32.2	27.7	16.4	297.2	299.9	99.9	999.9	14.7	68.
23.5	69.4	6816.7	400.0	-44.6	-49.9	242.3	35.4	31.4	16.5	297.1	299.9	99.9	999.9	17.4	67.
25.5	73.0	7246.4	375.0	-48.5	-49.9	243.3	36.2	32.3	16.3	297.4	299.9	99.9	999.9	21.8	66.
27.7	76.7	7698.4	350.0	-49.1	-49.9	239.0	34.1	29.2	17.5	302.6	299.9	99.9	999.9	26.2	65.
29.1	80.3	8148.2	325.0	-48.7	-49.9	238.4	38.4	32.7	20.1	309.5	299.9	99.9	999.9	29.8	65.
31.5	84.2	8711.8	300.0	-49.1	-49.9	236.8	47.6	19.9	26.1	316.2	299.9	99.9	999.9	35.4	64.
33.7	88.3	9282.7	275.0	-50.0	-49.9	236.5	53.1	43.4	31.0	322.8	299.9	99.9	999.9	42.1	62.
36.1	92.5	9401.5	250.0	-57.8	-49.9	236.2	54.1	46.0	26.5	327.7	299.9	99.9	999.9	50.3	61.
39.1	97.4	10572.6	225.0	-52.9	-49.9	236.2	48.76	60.5	27.1	337.4	299.9	99.9	999.9	58.9	60.
42.4	102.6	11340.3	200.0	-54.9	-49.9	236.0	46.19	38.2	25.7	359.0	299.9	99.9	999.9	68.1	60.
45.6	104.0	12196.7	175.0	-54.7	-49.9	244.3	47.48	38.6	18.6	357.9	299.9	99.9	999.9	78.1	60.
49.6	113.5	13180.8	150.0	-54.3	-49.9	249.4	44.88	42.0	15.5	373.0	299.9	99.9	999.9	88.4	61.
54.4	120.3	14335.4	125.0	-55.0	-49.9	243.4	31.68	30.3	9.0	393.7	299.9	99.9	999.9	97.5	62.
60.1	127.7	15757.3	100.0	-55.9	-49.9	249.2	40.36	37.7	14.3	419.8	299.9	99.9	999.9	109.7	62.
64.8	136.7	17573.5	75.0	-54.3	-49.9	256.2	36.46	33.4	8.2	450.7	299.9	99.9	999.9	122.3	62.
74.5	144.7	20105.0	50.0	-61.8	-49.9	238.4	23.46	19.4	12.3	497.8	299.9	99.9	999.9	138.2	60.
89.3	154.3	24342.6	25.0	-65.3	-49.9	246.7	40.46	37.2	16.0	597.2	299.9	99.9	999.9	160.3	60.

0 BY SPOD MEANS ELEVATION ANGL BETWEEN 8 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED  
00 BY SPOD MEANS ELEVATION ANGL LTSS THAN 6 DEG

STATION NO. 637  
FLINT, MICH7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PPES MB	TEMP UG C	DEW PT UG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	216.0	985.8	-11.3	-20.0	260.0	7.6	2.6	0.5	261.0	263.1	0.8	57.0	0.0	0.
0.5	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	0.5	370.2	975.0	-12.7	-15.3	290.0	11.4	10.6	-4.0	262.5	265.8	1.3	96.7	0.2	100.
1.1	0.7	514.6	950.0	-12.6	-15.3	296.5	11.4	10.2	-5.1	263.3	267.5	1.2	96.7	0.6	109.
1.6	10.0	721.1	925.0	-12.6	-15.3	296.5	10.7	9.7	-4.7	263.4	267.4	1.1	95.6	1.1	113.
2.0	13.0	928.3	900.0	-16.2	-18.4	280.0	11.2	10.6	-3.0	263.9	267.5	1.0	92.9	1.6	113.
3.2	15.3	1135.7	875.0	-16.0	-19.8	280.0	12.2	11.0	-3.0	265.2	267.6	0.9	94.1	2.1	112.
4.0	17.3	1375.8	850.0	-16.5	-20.8	280.1	11.9	11.7	-2.1	265.8	268.1	0.9	99.8	2.6	110.
4.8	19.3	1577.2	825.0	-19.7	-23.1	263.7	12.3	11.4	-3.2	267.6	269.3	0.6	93.2	3.1	108.
5.7	22.1	1805.4	800.0	-20.5	-23.8	263.0	12.0	10.7	-5.4	269.4	270.3	0.3	35.4	3.6	109.
6.5	24.1	2041.1	775.0	-19.6	-24.7	246.2	12.6	11.3	-5.5	272.8	273.5	0.3	24.6	4.4	110.
7.1	26.1	2214.4	750.0	-20.3	-25.8	293.4	11.7	12.5	-5.4	276.6	275.3	0.2	23.2	5.0	110.
8.1	29.5	2515.3	725.0	-20.9	-26.4	243.5	13.0	13.6	-6.0	276.6	277.3	0.2	23.3	5.6	111.
9.0	32.1	2736.1	700.0	-21.5	-27.2	291.5	16.0	14.9	-5.9	278.7	279.4	0.2	22.5	6.6	111.
9.9	34.8	3072.6	675.0	-20.9	-27.2	290.3	16.9	15.4	-5.4	282.3	283.0	0.2	21.3	7.4	111.
10.8	37.3	3341.4	650.0	-21.2	-27.7	291.6	17.2	16.0	-6.4	284.0	285.7	0.2	20.8	8.4	111.
11.9	40.2	3610.8	625.0	-21.4	-27.8	293.0	17.6	16.9	-7.4	286.0	288.8	0.2	21.0	9.5	111.
12.6	42.9	3913.8	600.0	-22.2	-28.6	293.2	17.4	16.2	-7.3	289.3	290.0	0.2	22.5	10.6	112.
13.7	45.3	4240.9	575.0	-25.0	-30.2	289.5	17.1	16.2	-5.7	289.8	290.4	0.2	24.3	11.9	112.
14.4	48.0	4511.3	550.0	-24.6	-31.3	283.9	17.5	16.4	-4.8	290.4	291.0	0.2	27.4	12.5	111.
15.7	51.9	4813.6	525.0	-10.6	-32.4	283.7	17.4	16.8	-4.7	291.7	292.2	0.2	29.9	13.6	111.
16.9	55.1	5213.1	500.0	-31.6	-34.8	280.6	18.0	17.2	-5.1	291.8	292.2	0.1	31.6	14.8	111.
18.0	58.4	5547.4	475.0	-31.7	-37.1	283.5	18.2	17.7	-4.3	292.2	292.5	0.1	33.6	16.0	110.
18.7	61.9	5967.3	450.0	-30.6	-39.3	280.0	18.6	18.4	-3.2	293.4	293.7	0.1	36.3	17.3	109.
20.3	65.4	6344.3	425.0	-43.2	-49.9	272.2	19.6	19.3	-3.1	293.7	293.9	95.9	99.9	18.7	109.
21.6	69.1	6750.8	400.0	-40.2	-49.9	281.0	20.0	20.2	-6.7	295.0	295.9	99.9	99.9	20.3	108.
23.2	72.0	7140.8	375.0	-50.0	-49.9	282.1	22.4	22.4	-6.9	295.5	295.9	99.9	99.9	22.1	106.
24.4	76.8	7435.5	350.0	-52.2	-49.9	283.4	24.4	23.7	-5.6	298.3	299.9	99.9	99.9	24.1	107.
26.1	81.9	8117.3	325.0	-54.4	-49.9	273.5	21.6	21.5	-1.3	301.7	299.9	99.9	99.9	26.5	107.
27.9	85.0	8627.9	300.0	-55.1	-49.9	277.4	22.3	22.1	-2.9	307.4	299.9	99.9	99.9	28.5	106.
29.7	90.2	9178.8	275.0	-54.6	-49.9	280.9	24.0	23.6	-4.9	315.2	299.9	99.9	99.9	31.0	105.
31.7	95.1	9746.2	250.0	-51.1	-49.9	275.7	27.0	26.4	-2.7	330.1	299.9	99.9	99.9	33.9	105.
33.1	100.7	10463.1	225.0	-49.1	-49.9	274.4	26.4	26.8	-1.4	343.3	299.9	99.9	99.9	37.0	104.
34.8	106.7	11251.1	200.0	-51.1	-49.9	273.4	26.3	26.7	-1.5	351.9	299.9	99.9	99.9	40.6	103.
36.3	113.0	12118.9	175.0	-51.7	-49.9	272.9	26.2	26.1	-1.4	364.6	299.9	99.9	99.9	45.0	102.
41.9	120.0	13121.0	150.0	-50.9	-49.9	271.4	29.1	29.1	-0.7	382.3	299.9	99.9	99.9	50.4	100.
45.4	124.5	14254.4	125.0	-54.0	-49.9	264.8	25.6	25.4	0.5	397.2	299.9	99.9	99.9	56.0	99.
48.6	136.5	15721.7	100.0	-56.7	-49.9	263.5	26.1	25.9	2.7	410.1	299.9	99.9	99.9	62.8	98.
59.0	146.0	17439.0	75.0	-59.7	-49.9	263.9	24.8	24.7	2.6	449.0	299.9	99.9	99.9	70.4	97.
62.7	146.0	20060.7	50.0	-62.3	-49.9	272.1	24.4	24.4	-1.1	496.8	299.9	99.9	99.9	81.5	95.
99.9	99.9	99.9	25.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE UP TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

143 30. 1

TIME MIN	CNCTY	HEIGHT FPM	WIND MPH	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED MPH	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	PH PCT	RANGE KM	AZ DEG
0.0	0.7	210.0	987.8	-20.6	-24.9	230.0	5.1	3.9	3.3	253.5	254.8	0.4	88.8	0.0	0.
0.3	0.9	99.9	1000.0	94.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.4	306.5	975.0	-20.8	-21.5	117.4	2.9	-2.6	1.3	254.3	257.1	0.7	94.0	0.6	85.
1.0	10.0	408.9	950.0	-20.3	-20.1	259.0	4.9	6.8	0.9	256.7	258.8	0.8	100.7	0.6	81.
1.4	11.9	696.9	925.0	-19.7	-19.8	249.2	12.0	17.0	0.2	259.2	261.5	0.7	95.5	1.0	84.
2.1	14.2	901.9	900.0	-16.3	-25.0	259.3	14.2	13.9	2.6	264.8	266.3	0.6	47.0	1.4	85.
2.8	16.2	1117.2	875.0	-16.4	-26.7	249.1	14.9	13.9	5.3	266.8	268.2	0.5	40.4	2.0	81.
3.5	18.5	1331.6	850.0	-17.3	-28.7	248.5	15.2	14.2	9.6	269.1	269.3	0.4	36.2	2.6	78.
4.2	20.3	1555.2	825.0	-18.0	-28.9	252.4	15.3	14.6	4.6	269.7	270.9	0.4	37.3	3.3	76.
5.1	27.8	1768.5	800.0	-19.5	-29.7	267.8	12.3	12.2	1.5	270.4	271.5	0.4	40.0	3.9	76.
5.7	25.2	2021.1	775.0	-18.0	-31.2	276.3	12.8	12.7	-1.4	274.5	275.6	0.4	30.2	4.4	78.
6.4	27.3	2266.0	750.0	-18.5	-30.4	282.7	13.9	13.5	-3.0	276.5	277.7	0.4	34.2	5.0	81.
7.2	37.3	2411.0	725.0	-20.0	-31.2	282.8	14.8	14.4	-3.3	277.6	278.7	0.4	35.9	5.6	84.
8.0	32.6	2777.3	700.0	-22.2	-31.4	282.4	15.7	15.3	-3.4	278.0	279.1	0.4	42.8	6.3	85.
8.4	35.1	3067.6	675.0	-24.0	-33.7	284.4	17.2	16.7	-4.3	278.8	279.8	0.3	40.1	7.0	88.
9.6	37.4	3318.2	650.0	-24.1	-34.4	284.0	14.2	13.5	-4.9	279.5	280.4	0.3	45.3	7.6	89.
10.4	40.2	3601.0	625.0	-27.9	-37.5	285.0	20.6	19.9	-5.3	280.6	281.8	0.4	64.4	8.0	91.
11.2	42.3	3833.3	600.0	-29.6	-30.3	284.8	20.7	20.0	-5.3	281.9	283.3	0.5	80.1	9.0	93.
12.2	45.6	4196.7	575.0	-29.9	-31.4	285.8	20.6	19.8	-5.5	285.0	286.5	0.5	86.1	10.0	94.
13.1	48.3	4512.7	550.0	-31.5	-32.6	286.8	21.8	21.1	-5.6	286.7	288.0	0.6	88.1	12.1	95.
14.1	50.2	4841.7	525.0	-31.9	-33.1	284.7	23.9	23.2	-5.9	290.1	291.5	0.4	88.0	13.4	96.
15.2	54.3	5185.3	500.0	-33.7	-35.9	285.8	26.7	25.6	-7.3	291.9	293.0	0.4	80.5	15.1	97.
16.3	57.1	5561.0	475.0	-30.4	-40.0	284.7	28.5	27.5	-7.2	292.9	293.7	0.2	67.4	17.0	98.
17.4	60.4	5915.4	450.0	-39.2	-41.5	280.7	29.4	27.8	-5.4	293.9	294.5	0.2	63.3	18.9	98.
18.7	67.8	6308.9	425.0	-42.2	-49.3	280.3	26.9	26.5	-4.9	295.0	295.9	0.9	99.9	21.0	99.
20.0	67.0	6711.8	400.0	-45.6	-49.9	286.3	24.1	26.9	-8.1	295.8	296.9	0.9	99.9	23.0	99.
21.3	70.4	7134.2	375.0	-44.0	-44.0	284.3	35.0	31.6	-14.5	296.8	297.9	0.9	99.9	25.5	100.
22.7	74.1	7568.6	350.0	-52.2	-49.9	298.2	44.3	39.0	-20.9	298.3	299.9	0.9	99.9	28.0	102.
24.2	78.0	8045.2	325.0	-54.9	-49.9	298.4	47.5	41.6	-22.9	301.0	302.9	0.9	99.9	30.8	104.
25.9	81.7	8575.4	300.0	-55.4	-49.9	300.4	42.7	35.1	-20.4	306.9	309.9	0.9	99.9	34.0	104.
27.4	85.4	9111.0	275.0	-55.3	-49.9	298.0	31.1	27.2	-15.1	315.2	316.9	0.9	99.9	40.3	107.
29.1	90.2	9739.2	250.0	-54.2	-49.9	298.1	34.8	32.7	-11.9	325.5	326.9	0.9	99.9	43.6	108.
31.1	95.2	10413.5	225.0	-51.5	-49.9	293.2	28.8	26.5	-11.3	339.6	340.9	0.9	99.9	47.2	108.
33.4	100.4	11185.9	200.0	-53.9	-49.9	289.4	24.2	26.5	-9.4	352.3	353.9	0.9	99.9	51.4	108.
35.9	105.3	12037.5	175.0	-52.1	-49.9	285.3	29.4	28.3	-7.7	364.0	365.9	0.9	99.9	55.9	108.
38.9	111.4	13050.2	150.0	-51.5	-49.9	279.2	32.4	27.7	-5.2	381.4	382.9	0.9	99.9	61.0	107.
42.9	118.7	14229.5	125.0	-53.5	-49.9	283.1	24.4	27.7	-6.4	398.2	399.9	0.9	99.9	68.2	107.
48.9	126.3	15423.1	100.0	-54.6	-49.9	281.0	21.7	21.3	-4.2	418.5	419.9	0.9	99.9	74.8	107.
52.7	135.3	17458.3	75.0	-54.6	-49.9	285.3	27.2	26.2	-7.2	448.1	449.9	0.9	99.9	81.9	106.
60.4	143.7	19488.7	50.0	-62.1	-49.9	275.7	24.0	25.8	-2.6	497.2	498.9	0.9	99.9	94.3	104.
66.9	99.9	99.9	25.0	54.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 18 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 654  
MURKIN, S D

7 FEBRUARY 1975  
1200 GMT

TIME MIN	CHCT	WLGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIM DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DG K	NR RTD CM/SEC	RM PCT	RANGE KM	AZ DG
0-0	9-1	392.0	661.4	-10.0	-24.8	140.0	2.1	-0.0	2.1	257.3	0.5	59.0	0.0	0-
00-9	99-2	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00-9	99-3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-4	10-1	427.3	950.0	-13.6	-18.5	99.9	99.9	99.9	99.9	263.5	0.9	66.5	99.9	99.9
1-2	12-5	627.0	925.0	-9.4	-15.9	99.9	99.9	99.9	99.9	273.1	1.2	59.8	99.9	99.9
1-9	14-8	849.5	900.0	-7.0	-14.1	307.4	11.1	8.6	-6.8	274.5	1.4	54.5	1.2	120-
2-6	17-0	1114.6	975.0	-6.5	-14.5	298.2	12.5	11.0	-5.9	277.2	1.4	52.6	1.7	123-
3-5	19-8	1346.0	850.0	-7.3	-17.6	299.3	16.5	14.4	-8.1	278.6	1.1	43.3	2.4	122-
4-2	21-7	1578.0	825.0	-8.7	-18.5	299.8	19.9	17.3	-9.9	279.6	1.1	44.6	3.3	121-
5-2	24-2	1516.3	800.0	-9.0	-35.1	297.1	20.7	18.4	-9.4	281.6	0.7	9.9	4.2	121-
5-4	26-4	2011.3	775.0	-9.5	-29.5	299.1	26.4	23.0	-12.8	283.6	0.4	18.7	5.4	120-
6-6	29-1	2314.3	750.0	-11.1	-27.9	297.7	25.7	22.7	-12.0	284.6	0.5	23.4	6.7	120-
7-5	31-7	2573.9	725.0	-12.9	-25.0	299.4	26.6	23.1	-13.1	285.4	0.7	35.4	7.9	119-
8-4	34-4	2817.5	700.0	-14.4	-30.4	299.4	27.5	23.9	-13.7	286.2	0.4	24.9	9.5	120-
9-1	36-4	3114.5	675.0	-17.2	-30.2	295.2	27.2	24.7	-11.6	286.4	0.5	31.0	10.8	120-
10-2	39-3	3344.5	650.0	-19.0	-30.8	293.3	28.4	26.1	-11.2	287.5	0.4	34.1	12.4	119-
11-2	42-4	3649.0	625.0	-20.4	-34.8	291.4	27.4	25.0	-11.3	289.1	0.3	26.2	14.1	118-
12-3	45-4	3948.8	600.0	-22.8	-37.0	286.4	24.2	25.2	-12.5	289.8	0.3	25.9	16.8	118-
13-4	48-6	4272.0	575.0	-23.0	-37.0	287.8	23.2	24.4	-15.4	295.4	0.2	16.9	18.0	118-
14-7	51-2	4574.0	550.0	-23.1	-31.6	288.8	35.2	30.8	-17.0	296.7	0.5	45.4	20.6	118-
15-4	54-4	4744.4	525.0	-25.2	-31.5	301.7	38.9	33.3	-20.2	298.1	0.5	55.7	23.5	118-
17-3	57.1	5111.0	500.0	-27.7	-32.4	301.0	41.39	35.4	-21.3	299.2	0.5	60.7	26.6	118-
18-7	60.7	5504.1	475.0	-29.4	-34.4	297.4	41.06	36.4	-18.8	300.9	0.4	65.0	30.1	119-
20-0	64.0	6071.0	450.0	-32.7	-37.9	297.5	40.39	34.0	-17.7	302.1	0.3	59.4	33.0	118-
21-6	67.1	6470.7	425.0	-36.1	-39.4	297.7	39.40	35.3	-18.5	302.5	0.3	65.2	36.2	118-
22-9	70.5	6864.4	400.0	-39.3	-44.5	296.2	39.70	35.6	-17.5	303.9	0.2	57.3	40.6	118-
24-6	74.5	7327.2	375.0	-42.8	-49.0	296.2	39.70	36.6	-21.9	304.9	0.9	99.9	44.7	118-
26-4	78.5	7744.3	350.0	-46.3	-49.9	293.1	39.40	36.2	-15.5	306.3	0.9	99.9	49.4	118-
28.1	82.1	8274.6	325.0	-49.2	-49.0	299.3	40.40	35.3	-19.8	308.9	0.9	99.9	54.6	118-
30.1	84.4	8744.1	300.0	-52.8	-49.9	306.1	53.10	47.4	-31.3	310.9	0.9	99.9	60.0	118-
32.5	91.0	9336.9	275.0	-56.3	-49.9	301.6	59.10	47.4	-35.2	313.7	0.9	99.9	68.2	119-
34.4	95.4	9744.7	250.0	-60.3	-49.9	304.0	63.20	43.6	-27.2	316.4	0.9	99.9	77.3	120-
37.1	100.1	10110.0	225.0	-62.0	-49.9	303.7	112.400	44.0	-61.6	323.5	0.9	99.9	80.3	121-
40.1	105.8	11342.8	200.0	-60.4	-49.9	298.2	76.500	23.3	-12.5	337.1	0.9	99.9	96.6	121-
43.1	111.1	12145.1	175.0	-56.0	-49.9	300.0	15.60	13.5	-17.8	337.6	0.9	99.9	99.2	121-
47-0	117.1	13171.4	150.0	-53.4	-49.9	299.4	14.00	10.2	-17.3	337.8	0.9	99.9	107.4	120-
51.1	124.3	14114.0	125.0	-57.5	-49.9	296.1	48.00	43.6	-21.3	340.8	0.9	99.9	118.0	120-
56-4	131.7	15750.2	100.0	-56.2	-49.9	299.7	33.70	29.3	-26.7	419.2	0.9	99.9	129.0	120-
62-8	137.4	17442.4	75.0	-60.5	-49.9	300.0	76.00	49.4	-28.0	446.2	0.9	99.9	127.3	120-
71-4	148.3	20027.7	50.0	-74.9	-49.9	305.6	14.00	27.6	-19.9	502.6	0.9	99.9	139.4	120-
89-0	157.1	24374.3	25.0	-83.2	-49.9	334.4	10.00	4.5	-9.4	603.1	0.9	99.9	153.9	121-

0 BY SLEET MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

0 BY TEM MEANS TEMPERATURE ON TIME MAPS ONLY INTERPOLATED

0 BY SPEED MEANS ELEVATION ANGLE 1-1000' MAPS 0 DEG

STATION NO. 655  
SF CLOUD, MINN

7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFLD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	0.0	316.0	572.9	-20.4	-21.7	180.0	3.1	0.0	3.1	254.6	250.3	0.6	75.0	0.0	0.
00.9	00.9	41.9	1020.0	99.9	99.9	49.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	00.9	49.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	0.9	49.9	950.0	-16.2	-17.4	230.2	9.8	7.5	6.3	260.9	263.6	1.0	89.7	0.4	44.
1.7	10.9	69.9	925.0	-15.6	-17.2	241.9	9.1	8.0	4.3	263.5	266.3	1.1	87.2	0.4	49.
2.4	13.2	90.9	900.0	-15.5	-17.1	256.0	12.2	11.8	2.8	265.7	268.6	1.1	87.3	1.2	37.
3.2	15.4	111.4	875.0	-15.6	-19.7	261.3	14.2	14.1	2.1	267.7	270.2	0.9	87.3	1.2	37.
4.0	17.6	131.4	850.0	-15.8	-24.2	259.4	16.3	16.3	3.1	269.7	271.4	0.6	50.0	2.5	70.
4.7	20.1	152.0	825.0	-15.6	-32.2	259.7	18.5	18.2	3.3	272.1	273.0	0.3	22.5	3.3	72.
5.5	22.3	172.6	800.0	-16.1	-32.4	268.8	18.1	18.1	0.4	274.0	274.9	0.3	23.0	4.2	74.
6.4	24.3	202.1	775.0	-17.4	-21.8	279.0	18.1	17.9	-2.8	275.2	277.3	0.7	58.6	5.1	78.
7.2	27.2	227.4	750.0	-18.6	-19.7	283.2	20.0	19.4	-4.7	276.5	279.4	1.0	89.5	5.9	82.
9.1	29.9	252.6	725.0	-20.6	-21.0	284.9	20.9	20.2	-5.4	277.0	279.8	1.0	96.4	6.9	85.
9.0	32.6	273.3	700.0	-22.6	-22.6	287.6	21.9	20.9	-6.6	277.6	280.1	0.9	99.4	8.0	88.
9.9	35.3	302.2	675.0	-22.8	-22.8	293.1	24.6	22.6	-9.7	280.3	282.8	0.9	99.4	9.2	91.
11.0	38.0	332.0	650.0	-23.0	-23.5	300.5	26.4	22.8	-13.4	283.0	285.5	0.9	96.4	10.8	95.
12.0	40.7	361.5	625.0	-24.9	-25.9	302.7	26.4	22.2	-14.3	284.0	286.2	0.7	91.4	12.3	99.
13.1	43.7	391.0	600.0	-27.4	-27.7	301.8	29.0	24.6	-15.3	284.5	286.4	0.6	97.4	13.8	101.
14.2	46.9	421.7	575.0	-27.8	-28.1	299.0	34.2	29.9	-16.6	287.5	289.4	0.6	94.9	15.8	104.
15.2	50.0	451.6	550.0	-28.7	-30.1	295.1	38.0	34.4	-18.1	290.0	291.8	0.6	87.9	17.9	106.
16.3	53.1	487.8	525.0	-31.6	-32.6	294.1	40.8	37.1	-16.8	290.5	291.9	0.5	90.3	20.7	107.
17.5	56.4	521.1	500.0	-34.2	-34.9	291.4	42.9	39.9	-15.7	291.3	292.6	0.4	93.4	23.5	107.
19.9	60.0	550.3	475.0	-36.6	-37.9	295.4	45.0	40.6	-19.3	292.6	293.6	0.3	87.6	27.1	108.
20.2	63.7	583.6	450.0	-38.2	-39.3	300.5	54.3	46.8	-27.5	297.7	298.6	0.3	70.8	31.0	109.
21.6	67.1	618.5	425.0	-38.5	-42.3	300.0	54.7	50.8	-29.3	297.6	300.3	0.2	66.9	35.6	111.
23.3	71.3	652.3	400.0	-41.7	-42.9	298.5	57.0	51.8	-28.2	300.8	309.9	99.9	999.9	41.7	112.
25.0	75.4	716.7	375.0	-43.9	-44.9	294.5	60.2	54.7	-25.0	303.5	309.9	99.9	999.9	47.3	113.
26.6	79.7	766.0	350.0	-48.0	-49.9	295.1	64.0	57.9	-27.1	304.1	309.9	99.9	999.9	53.5	113.
28.3	84.2	811.0	325.0	-51.4	-51.9	300.7	57.8	49.7	-29.5	305.5	309.9	99.9	999.9	60.0	113.
30.2	88.5	866.1	300.0	-55.1	-55.1	304.7	67.4	51.3	-35.5	307.7	309.9	99.9	999.9	66.3	114.
32.3	94.0	919.0	275.0	-58.2	-59.9	308.9	50.8	39.5	-31.9	310.9	309.9	99.9	999.9	74.1	116.
34.5	99.2	974.4	250.0	-55.1	-55.1	300.1	57.0	44.9	-20.2	324.1	309.9	99.9	999.9	80.9	116.
36.9	104.8	1047.4	225.0	-54.0	-54.0	295.5	39.8	35.9	-17.1	335.8	309.9	99.9	999.9	87.8	117.
39.9	111.0	1128.6	200.0	-52.7	-52.7	296.4	35.2	31.5	-15.6	349.3	309.9	99.9	999.9	94.0	118.
42.8	117.5	1203.2	175.0	-52.7	-52.7	291.8	40.0	37.1	-14.9	362.9	309.9	99.9	999.9	100.9	118.
46.5	125.0	1304.4	150.0	-53.7	-53.7	292.9	31.8	31.2	-13.1	377.6	309.9	99.9	999.9	108.7	118.
50.8	132.7	1425.6	125.0	-53.5	-54.9	290.8	24.5	27.6	-10.5	398.1	309.9	99.9	999.9	116.3	118.
55.6	140.3	1567.5	100.0	-57.9	-59.9	290.8	35.2	32.9	-12.5	415.9	309.9	99.9	999.9	124.3	118.
62.4	148.7	1744.2	75.0	-58.4	-59.9	284.5	26.1	25.2	-6.5	449.5	309.9	99.9	999.9	138.6	118.
71.9	157.3	2002.8	50.0	-59.8	-59.9	290.9	18.8	17.6	-6.7	502.6	309.9	99.9	999.9	146.3	118.
86.7	166.5	2430.5	25.0	-63.1	-63.1	325.9	13.0	7.3	-10.8	603.4	309.9	99.9	999.9	160.0	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 062  
RAPID CITY, S D  
7 FEBRUARY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GF 4	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	14.9	964.0	898.4	-7.2	-18.5	320.0	3.1	2.0	-2.4	274.3	277.1	1.0	40.0	0.0	0.
00.9	99.9	94.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	94.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 0 BY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
1115 GMT

TIME M:M	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	180.0	1000.6	-2.6	-5.9	330.0	3.1	1.6	-2.7	270.8	277.1	2.5	78.0	0.0	0.
0.0	5.7	184.8	1000.0	-2.7	-6.0	331.2	3.6	1.8	-3.2	270.8	277.0	2.4	77.8	0.0	19.
0.8	7.8	184.7	1000.0	-5.0	-6.9	332.3	6.9	3.2	-6.1	270.4	276.4	2.3	86.1	0.2	152.
1.6	9.8	588.1	950.0	-7.2	-7.6	325.3	8.7	3.8	-5.5	270.1	276.0	2.3	97.3	0.6	150.
2.4	11.7	795.4	925.0	-4.2	-9.2	314.0	6.9	4.9	-4.8	270.2	275.5	2.1	100.6	0.9	147.
3.1	13.9	1007.1	920.0	-4.9	-9.9	302.5	6.0	5.1	-3.2	271.6	276.8	2.0	100.8	1.2	141.
4.2	15.9	1224.0	875.0	-11.3	-11.3	297.2	6.7	5.4	-3.1	272.3	277.2	1.6	100.3	1.5	136.
5.0	18.1	1443.0	850.0	-12.6	-12.6	309.8	11.1	8.5	-7.1	273.1	277.6	1.7	100.1	1.9	133.
5.8	20.2	1675.2	825.0	-10.6	-10.6	312.3	13.2	9.8	-8.9	277.5	281.6	1.8	71.7	2.5	133.
6.9	22.4	1912.7	800.0	-9.7	-10.9	294.7	14.0	12.2	-6.9	280.9	284.0	1.1	47.2	3.3	132.
7.8	24.7	2157.1	775.0	-11.2	-20.1	297.1	15.6	13.9	-7.1	281.8	283.5	0.6	28.3	4.2	129.
8.8	26.9	2408.1	750.0	-12.0	-29.4	293.7	17.2	15.8	-6.9	283.6	284.9	0.4	20.7	5.1	127.
9.8	29.4	2667.3	725.0	-12.6	-27.1	288.1	18.8	17.9	-5.8	285.7	287.4	0.6	28.4	6.1	126.
10.9	31.9	2914.7	700.0	-13.1	-26.5	278.4	20.5	20.3	-3.1	288.1	289.1	0.6	31.2	7.4	120.
12.0	34.4	3211.4	675.0	-14.0	-27.1	277.4	23.1	23.1	-3.0	290.0	291.5	0.5	26.4	8.9	117.
13.2	36.3	3447.5	650.0	-14.5	-34.8	274.5	24.6	24.5	-2.8	292.6	293.6	0.3	15.8	10.5	113.
14.4	38.6	3794.2	625.0	-15.6	-35.6	272.7	25.6	25.5	-1.2	294.6	295.5	0.3	15.9	12.1	111.
15.7	42.0	4101.1	600.0	-17.1	-36.5	274.9	24.0	23.9	-2.1	296.3	297.2	0.3	16.6	14.1	108.
17.0	44.9	4419.6	575.0	-18.5	-35.9	280.4	25.6	25.2	-4.6	298.3	299.3	0.3	19.9	15.9	107.
18.3	47.4	4749.5	550.0	-21.3	-37.2	282.3	24.2	27.5	-6.0	298.8	294.7	0.3	22.1	18.0	106.
19.5	50.7	5091.0	525.0	-23.6	-38.9	279.2	28.6	28.2	-4.6	300.0	300.9	0.2	22.8	20.6	106.
21.4	53.3	5445.7	500.0	-26.3	-41.4	277.6	29.6	29.3	-3.9	301.0	301.7	0.2	22.3	23.2	105.
22.9	56.7	5814.6	475.0	-28.4	-44.0	277.2	32.2	32.0	-4.0	302.1	302.7	0.2	21.5	25.9	105.
24.4	60.0	6194.8	450.0	-32.0	-46.8	277.1	35.1	34.8	-4.3	303.0	303.4	0.1	21.3	29.1	103.
26.1	63.5	6600.0	425.0	-35.3	-49.5	272.7	35.1	33.1	-1.7	303.8	304.1	0.1	21.5	32.5	103.
28.0	68.9	7014.6	400.0	-38.2	-51.8	268.3	34.8	34.8	-0.8	307.3	305.6	0.1	22.1	36.3	101.
29.9	75.5	7460.9	375.0	-40.4	-54.4	270.9	50.7	50.7	-0.8	307.5	309.9	99.9	99.9	41.1	100.
32.0	74.3	7924.6	350.0	-42.6	-54.4	262.7	42.3	42.0	5.4	311.2	309.9	99.9	99.9	46.9	98.
34.2	78.3	8427.1	325.0	-44.6	-54.4	267.3	54.5	54.5	2.6	315.2	309.9	99.9	99.9	53.4	97.
36.8	82.5	8960.4	300.0	-47.0	-54.4	259.1	39.0	38.3	7.3	319.2	309.9	99.9	99.9	59.3	95.
39.1	86.8	9516.0	275.0	-47.2	-54.4	260.2	64.4	64.5	11.5	326.4	309.9	99.9	99.9	66.2	93.
41.4	91.8	10162.9	250.0	-50.2	-54.4	259.6	80.7	79.4	14.5	331.4	309.9	99.9	99.9	77.9	91.
44.4	97.0	10849.0	225.0	-50.7	-54.4	265.4	37.9	37.8	3.0	340.9	309.9	99.9	99.9	85.8	90.
48.1	102.5	11618.1	200.0	-50.1	-54.4	265.1	37.8	37.7	3.2	353.5	309.9	99.9	99.9	95.4	90.
51.6	109.0	12485.2	175.0	-53.3	-54.4	260.5	37.2	36.7	6.1	361.9	309.9	99.9	99.9	102.2	89.
55.7	115.8	13468.4	150.0	-57.2	-54.4	264.7	62.4	62.1	5.8	371.5	309.9	99.9	99.9	114.5	88.
59.8	123.7	14615.1	125.0	-60.5	-54.4	267.9	59.3	59.3	2.1	385.5	309.9	99.9	99.9	128.3	86.
65.2	132.5	15997.8	100.0	-63.0	-54.4	268.0	35.1	35.0	1.2	408.0	309.9	99.9	99.9	144.2	85.
71.8	141.7	17763.1	75.0	-63.6	-54.4	238.4	14.5	14.4	7.5	436.6	309.9	99.9	99.9	155.0	84.
81.7	152.3	20263.5	50.0	-61.8	-54.4	266.7	2.3	2.3	0.1	488.0	309.9	99.9	99.9	164.3	80.
90.2	163.5	24349.2	25.0	-59.4	-54.4	99.9	99.9	99.9	99.9	614.2	309.9	99.9	99.9	999.9	999.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DE°

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

## APPENDIX

Wind Data for Ft. Totten, New York  
and Wallops Island, Virginia

These data were computed by the  
National Weather Service using a  
scheme different from that used in  
the AVE reduction process.

Ft. Totten, N. Y.  
February 5, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	5.0	10	36.00	59.0	256
.25	4.5	360	37.00	57.5	252
.50	7.5	11	38.00	56.0	250
.75	8.5	25	39.00	59.0	249
1.00	9.0	26	40.00	62.0	252
1.25	8.5	26	41.00	58.0	257
1.50	9.5	45	42.00	53.5	256
1.75	11.5	48	43.00	52.5	253
2.00	12.0	64	44.00	54.0	251
2.25	14.5	74	45.00	51.5	257
2.50	14.0	89	46.00	48.5	260
2.75	11.0	93	47.00	49.5	255
3.00	10.0	104	48.00	52.5	254
4.00	3.5	110	49.00	49.5	255
5.00	1.0	207	50.00	47.0	261
6.00	4.5	301	51.00	45.0	258
7.00	6.0	315	52.00	45.0	257
8.00	6.5	269	53.00	43.5	258
9.00	13.5	254	54.00	43.0	260
10.00	14.0	255	55.00	46.5	260
11.00	13.5	253	56.00	51.5	265
12.00	17.0	252	57.00	46.0	266
13.00	22.0	248	58.00	45.0	272
14.00	23.0	244	59.00	41.0	280
15.00	25.5	250	60.00	33.5	275
16.00	26.5	253	61.00	33.0	272
17.00	26.5	254	62.00	33.0	269
18.00	27.0	256	63.00	32.0	272
19.00	29.0	255	64.00	32.0	268
20.00	31.0	253	65.00	30.0	267
21.00	33.5	248	66.00	34.5	272
22.00	35.0	244	67.00	32.0	266
23.00	36.5	246	68.00	34.0	273
24.00	38.5	247	69.00	34.5	268
25.00	41.0	248	70.00	31.5	263
26.00	45.0	250	71.00	31.5	271
27.00	50.0	250	72.00	31.5	271
28.00	52.0	249	73.00	31.5	275
29.00	53.0	252	74.00	32.5	280
30.00	54.0	252	75.00	31.0	278
31.00	54.0	252	76.00	29.0	275
32.00	55.5	252	77.00	29.5	262
33.00	58.0	252	78.00	32.0	273
34.00	59.0	254	79.00	31.0	265
35.00	60.5	256	80.00	28.5	267

Ft. Totten, N. Y.  
February 5, 1975 at 2315 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	33.0	264
82.00	37.0	269
83.00	40.5	273
84.00	45.5	274
85.00	50.5	274
86.00	52.0	284
87.00	54.0	293
88.00	60.5	298
89.00	58.0	295
90.00	56.0	292

Ft. Totten, N. Y.  
February 6, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	3.1	333	36.00	68.4	247
.50	3.8	351	37.00	73.5	247
.75	3.4	16	38.00	71.1	251
1.00	3.1	5	39.00	66.8	256
1.25	1.6	14	40.00	59.1	255
1.50	2.5	353	41.00	52.8	250
1.75	2.3	62	42.00	52.6	250
2.00	2.7	125	43.00	53.0	249
2.25	5.1	170	44.00	53.7	250
2.50	2.9	209	45.00	55.2	253
2.75	4.6	225	46.00	56.1	256
3.00	4.6	220	47.00	52.3	253
4.00	5.8	248	48.00	47.6	251
5.00	5.8	232	49.00	49.4	255
6.00	8.6	228	50.00	48.0	268
7.00	10.9	234	51.00	37.2	248
8.00	13.5	231	52.00	40.1	251
9.00	17.5	230	53.00	40.8	250
10.00	21.2	230	54.00	41.3	257
11.00	21.7	234	55.00	40.8	260
12.00	22.5	241	56.00	38.8	266
13.00	21.7	247	57.00	35.2	282
14.00	22.4	246	58.00	31.0	215
15.00	22.1	247	59.00	37.6	210
16.00	21.7	245	60.00	38.6	213
17.00	22.1	239	61.00	36.4	212
18.00	23.5	235	62.00	28.3	230
19.00	28.7	236	63.00	40.7	290
20.00	35.4	242	64.00	31.4	271
21.00	41.5	252	65.00	28.1	253
22.00	47.7	255	66.00	38.5	288
23.00	52.6	255	67.00	27.2	227
24.00	56.4	254	68.00	37.8	205
25.00	56.6	253	69.00	29.2	216
26.00	56.5	249	70.00	34.5	287
27.00	57.2	248	71.00	27.1	260
28.00	57.9	248	72.00	27.5	252
29.00	58.4	248	73.00	35.1	286
30.00	59.4	248	74.00	28.7	247
31.00	61.0	247	75.00	30.1	264
32.00	59.7	247	76.00	34.6	279
33.00	58.6	246	77.00	29.1	262
34.00	57.2	244	78.00	28.7	241
35.00	60.5	244			



Ft. Totten, N. Y.  
February 6, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	5.0	240	36.00	62.0	243
.25	4.5	236	37.00	64.5	246
.50	7.5	256	38.00	61.0	253
.75	8.5	254	39.00	51.5	256
1.00	8.5	246	40.00	45.5	250
1.25	7.5	255	41.00	45.5	248
1.50	9.0	261	42.00	49.0	248
1.75	7.5	255	43.00	53.0	247
2.00	9.0	260	44.00	54.5	250
2.25	9.5	268	45.00	55.5	254
2.50	10.0	275	46.00	51.0	254
2.75	11.0	272	47.00	46.0	256
3.00	12.0	290	48.00	47.5	264
4.00	12.5	286	49.00	51.0	272
5.00	17.5	284	50.00	52.5	280
6.00	18.5	281	51.00	54.5	289
7.00	19.5	272	52.00	46.0	284
8.00	22.0	269	53.00	43.0	275
9.00	22.5	271	54.00	40.0	267
10.00	22.5	263	55.00	37.5	258
11.00	22.0	256	56.00	34.5	265
12.00	24.0	251	57.00	33.0	272
13.00	27.0	246	58.00	30.0	268
14.00	30.0	245	59.00	27.0	265
15.00	31.0	248	60.00	25.0	260
16.00	31.5	249	61.00	23.5	256
17.00	32.5	245	62.00	26.5	258
18.00	38.0	242	63.00	30.0	260
19.00	38.5	239	64.00	33.0	265
20.00	38.0	246	65.00	32.0	264
21.00	41.5	252	66.00	29.5	264
22.00	44.0	256	67.00	29.0	264
23.00	52.0	256	68.00	29.0	263
24.00	59.0	252	69.00	30.0	268
25.00	60.5	248	70.00	30.5	273
26.00	60.5	247	71.00	34.0	274
27.00	61.0	247	72.00	36.5	274
28.00	62.0	246	73.00	32.5	273
29.00	63.5	242	74.00	28.5	272
30.00	64.0	243	75.00	27.0	275
31.00	64.5	242	76.00	26.0	279
32.00	67.0	244			
33.00	69.5	245			
34.00	71.0	249			
35.00	66.0	248			

Ft. Totten, N. Y.  
February 6, 1975 at 1415 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	6.3	247	36.00	69.2	244
.50	8.1	246	37.00	66.2	247
.75	8.8	252	38.00	61.9	252
1.00	11.1	265	39.00	49.9	251
1.25	10.8	257	40.00	43.4	252
1.50	12.2	262	41.00	45.0	233
1.75	14.3	269	42.00	52.6	244
2.00	16.7	275	43.00	54.3	240
2.25	17.6	272	44.00	52.5	243
2.50	18.8	279	45.00	51.3	248
2.75	18.2	276	46.00	47.8	247
3.00	18.9	279	47.00	44.6	243
4.00	18.7	288	48.00	43.9	234
5.00	20.2	284	49.00	44.3	243
6.00	23.0	279	50.00	44.5	243
7.00	21.6	275	51.00	41.0	248
8.00	21.8	267	52.00	37.6	247
9.00	22.7	262	53.00	37.0	246
10.00	24.9	262	54.00	36.5	252
11.00	25.4	260	55.00	32.6	263
12.00	26.2	257	56.00	29.7	249
13.00	28.2	257	57.00	30.0	254
14.00	29.9	259	58.00	28.2	253
15.00	30.4	257	59.00	25.4	263
16.00	32.9	255	60.00	22.6	241
17.00	34.0	254	61.00	24.7	250
18.00	34.2	251	62.00	27.0	244
19.00	35.6	252	63.00	33.3	287
20.00	41.6	250	64.00	27.1	247
21.00	46.6	249	65.00	32.3	262
22.00	53.7	249	66.00	30.2	259
23.00	60.5	248	67.00	28.7	266
24.00	63.7	246	68.00	25.8	259
25.00	67.8	246	69.00	23.3	250
26.00	74.1	246	70.00	29.4	273
27.00	80.7	245	71.00	26.7	250
28.00	82.6	247	72.00	28.7	259
29.00	82.1	243	73.00	34.0	267
30.00	83.2	245	74.00	29.0	255
31.00	80.6	247			
32.00	76.9	249			
33.00	70.0	248			
34.00	69.7	243			
35.00	68.1	243			

Ft. Totten, N. Y.  
February 6, 1975 at 1715 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	7.2	226	36.00	64.1	247
.50	7.7	256	37.00	61.9	242
.75	6.3	238	38.00	64.0	243
1.00	7.6	247	39.00	67.8	242
1.25	10.9	251	40.00	68.1	246
1.50	12.0	262	41.00	64.8	249
1.75	17.3	269	42.00	61.7	251
2.00	17.7	267	43.00	54.8	251
2.25	17.5	267	44.00	52.1	250
2.50	18.8	271	45.00	51.3	246
2.75	18.6	269	46.00	51.6	240
3.00	21.5	271	47.00	51.0	242
4.00	22.2	267	48.00	53.3	243
5.00	22.9	269	49.00	55.7	249
6.00	23.0	272	50.00	55.3	256
7.00	22.2	275	51.00	44.1	251
8.00	21.8	271	52.00	39.0	234
9.00	22.6	262	53.00	37.7	240
10.00	24.1	259	54.00	39.8	237
11.00	25.1	257	55.00	40.6	244
12.00	24.6	256	56.00	41.4	242
13.00	25.0	254	57.00	43.6	236
14.00	26.6	255	58.00	51.6	298
15.00	26.9	256			
16.00	27.4	257			
17.00	27.2	258			
18.00	27.6	262			
19.00	28.2	261			
20.00	29.7	257			
21.00	33.5	253			
22.00	35.7	249			
23.00	40.3	253			
24.00	46.5	252			
25.00	55.2	252			
26.00	66.2	252			
27.00	77.8	252			
28.00	82.9	250			
29.00	84.4	247			
30.00	84.6	246			
31.00	83.9	246			
32.00	83.3	246			
33.00	80.7	247			
34.00	74.7	247			
35.00	68.5	246			

Ft. Totten, N. Y.  
February 6, 1975 at 2015 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	8.5	261	36.00	62.8	248
.50	8.9	263	37.00	61.5	248
.75	8.6	261	38.00	61.7	249
1.00	9.5	261	39.00	61.6	249
1.25	11.7	269	40.00	58.9	247
1.50	10.8	265	41.00	59.0	248
1.75	11.5	277	42.00	60.0	248
2.00	10.5	265	43.00	59.2	247
2.25	13.1	273	44.00	59.2	253
2.50	14.2	276	45.00	58.0	254
2.75	12.2	283	46.00	56.5	248
3.00	14.9	280	47.00	54.5	245
4.00	14.8	288	48.00	55.0	241
5.00	17.7	290	49.00	57.8	248
6.00	19.1	285	50.00	53.8	257
7.00	19.3	279	51.00	42.7	249
8.00	20.6	275	52.00	38.4	241
9.00	21.8	268	53.00	37.2	248
10.00	23.1	262	54.00	35.5	241
11.00	22.9	259	55.00	35.6	239
12.00	23.7	258	56.00	37.9	248
13.00	24.7	259	57.00	37.4	248
14.00	25.2	263	58.00	35.5	251
15.00	25.2	263	59.00	31.3	254
16.00	25.9	264	60.00	28.8	251
17.00	25.8	263	61.00	32.3	256
18.00	26.3	263	62.00	30.9	246
19.00	26.8	265	63.00	32.8	247
20.00	26.3	265	64.00	33.9	248
21.00	27.1	265	65.00	30.5	242
22.00	36.3	261	66.00	30.7	252
23.00	47.8	261	67.00	31.1	246
24.00	59.7	262	68.00	32.2	246
25.00	69.8	261	69.00	32.4	254
26.00	75.7	258	70.00	29.4	255
27.00	78.5	256	71.00	30.4	257
28.00	79.6	256	72.00	26.3	262
29.00	82.3	256	73.00	22.4	250
30.00	82.4	253	74.00	24.5	258
31.00	84.1	253	75.00	27.4	251
32.00	85.3	254	76.00	28.8	261
33.00	80.8	254	77.00	26.7	254
34.00	70.4	255	78.00	28.2	248
35.00	65.6	252	79.00	31.4	255
			80.00	31.6	257

Ft. Totten, N. Y.  
February 6, 1975 at 2015 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	31.5	250
82.00	33.1	261
83.00	31.2	263
84.00	29.6	252
85.00	32.8	272
86.00	28.5	240
87.00	30.2	256
88.00	33.5	250
89.00	32.0	254
90.00	32.2	244
91.00	38.4	259
92.00	41.1	256

Ft. Totten, N. Y.  
February 6, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	6.5	260	36.00	81.0	247
.25	8.0	257	37.00	79.5	246
.50	10.0	253	38.00	79.5	246
.75	10.0	252	39.00	77.5	250
1.00	9.0	260	40.00	68.0	250
1.25	10.0	274	41.00	64.5	251
1.50	9.5	260	42.00	61.5	253
1.75	9.0	261	43.00	58.5	250
2.00	10.0	274	44.00	58.0	248
2.25	9.5	268	45.00	58.0	249
2.50	11.5	286	46.00	56.5	247
2.75	12.0	291	47.00	54.5	248
3.00	9.5	285	48.00	54.5	251
4.00	10.5	293	49.00	51.0	254
5.00	11.0	303	50.00	46.5	253
6.00	12.0	301	51.00	45.5	252
7.00	13.0	285	52.00	49.0	252
8.00	13.0	265	53.00	49.0	251
9.00	15.0	262	54.00	48.0	248
10.00	16.0	257	55.00	47.5	247
11.00	16.0	253	56.00	47.5	247
12.00	17.0	252	57.00	46.0	247
13.00	17.5	256	58.00	40.5	251
14.00	18.0	257	59.00	36.0	244
15.00	20.0	256	60.00	37.0	238
16.00	22.0	255	61.00	33.5	240
17.00	23.5	257	62.00	32.5	237
18.00	24.5	256	63.00	34.0	244
19.00	25.5	258	64.00	32.5	246
20.00	26.5	260	65.00	31.0	248
21.00	27.5	261	66.00	28.5	246
22.00	29.0	261	67.00	28.0	251
23.00	32.5	262	68.00	30.5	245
24.00	34.0	261	69.00	33.0	251
25.00	36.0	256	70.00	31.5	253
26.00	42.0	250	71.00	31.0	256
27.00	51.0	253	72.00	31.5	251
28.00	60.5	255	73.00	28.5	253
29.00	68.5	252	74.00	30.0	246
30.00	72.5	250	75.00	31.0	248
31.00	76.0	250	76.00	31.0	255
32.00	77.5	248	77.00	30.5	255
33.00	80.5	247	78.00	29.5	256
34.00	81.5	247	79.00	28.5	256
35.00	81.0	247	80.00	28.0	257

Ft. Totten, N. Y.  
February 6, 1975 at 2315 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	25.0	255
82.00	23.5	254
83.00	23.5	254
84.00	20.5	250
85.00	23.5	230
86.00	26.5	235
87.00	28.5	233
88.00	30.5	230
89.00	30.5	243
90.00	35.0	239

Ft. Totten, N. Y.  
February 7, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	3.4	289	36.00	75.6	238
.50	4.8	287	37.00	72.8	238
.75	4.5	289	38.00	71.9	239
1.00	6.4	307	39.00	73.2	239
1.25	4.2	300	40.00	73.8	237
1.50	3.5	278	41.00	77.8	237
1.75	6.2	290	42.00	74.7	238
2.00	6.4	309	43.00	69.8	239
2.25	5.7	294	44.00	70.0	241
2.50	7.8	291	45.00	66.5	245
2.75	8.0	301	46.00	61.2	249
3.00	9.0	293	47.00	57.9	251
4.00	8.0	286	48.00	56.2	255
5.00	6.5	283	49.00	51.0	252
6.00	5.7	268	50.00	49.6	251
7.00	9.8	277	51.00	45.4	252
8.00	18.0	271	52.00	43.2	254
9.00	20.9	258	53.00	39.2	253
10.00	20.4	244	54.00	35.8	249
11.00	21.4	237	55.00	34.9	234
12.00	22.6	234	56.00	37.2	228
13.00	21.1	231	57.00	40.2	225
14.00	19.2	239	58.00	39.7	238
15.00	20.4	244	59.00	40.1	240
16.00	25.0	244	60.00	38.7	246
17.00	27.2	246	61.00	39.1	246
18.00	27.2	245	62.00	42.5	245
19.00	28.1	243	63.00	39.2	249
20.00	30.1	243	64.00	36.0	248
21.00	31.9	244	65.00	32.7	243
22.00	35.9	248	66.00	30.7	252
23.00	39.1	247	67.00	30.3	235
24.00	41.9	245	68.00	31.6	249
25.00	45.5	246	69.00	32.1	259
26.00	47.5	245	70.00	31.0	248
27.00	48.4	241	71.00	31.8	257
28.00	55.6	239	72.00	28.7	267
29.00	64.3	240	73.00	22.6	257
30.00	71.0	239	74.00	24.3	255
31.00	74.0	238	75.00	24.2	239
32.00	78.9	237	76.00	27.2	248
33.00	82.0	237	77.00	27.9	250
34.00	81.5	238	78.00	26.5	259
35.00	79.3	238	79.00	26.3	257
			80.00	27.0	252



Ft. Totten, N. Y.  
February 7, 1975 at 0515 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	27.3	251
82.00	27.7	243
83.00	30.1	238
84.00	30.2	247
85.00	31.3	257
86.00	30.8	249
87.00	31.6	241
88.00	34.9	250
89.00	35.3	255
90.00	34.6	250
91.00	34.2	254
92.00	32.9	262
93.00	29.2	259
94.00	27.5	257
95.00	28.4	263
96.00	25.4	255
97.00	25.2	245
98.00	27.7	261
99.00	32.6	241
100.00	35.6	280

Ft. Totten, N. Y.  
February 7, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	4.0	320	36.00	48.5	237
.25	3.5	329	37.00	50.5	236
.50	4.5	324	38.00	53.5	238
.75	4.5	324	39.00	54.0	241
1.00	5.0	332	40.00	50.0	241
1.25	6.0	325	41.00	49.0	237
1.50	6.0	330	42.00	50.0	240
1.75	6.0	328	43.00	44.5	240
2.00	6.0	338	44.00	48.0	242
2.25	6.0	341	45.00	50.0	245
2.50	7.0	338	46.00	46.0	251
2.75	7.0	344	47.00	48.0	251
3.00	7.0	342	48.00	40.1	251
4.00	5.0	330	49.00	39.5	250
5.00	5.0	317	50.00	38.5	252
6.00	5.0	306	51.00	38.0	251
7.00	4.5	309	52.00	39.5	253
8.00	8.0	292	53.00	37.5	252
9.00	13.5	281	54.00	35.0	246
10.00	12.5	275	55.00	35.0	248
11.00	13.0	266	56.00	38.5	243
12.00	15.0	258	57.00	31.0	245
13.00	16.0	261	58.00	27.5	242
14.00	16.0	263	59.00	28.5	240
15.00	16.5	262	60.00	30.5	247
16.00	17.5	260	61.00	29.0	254
17.00	18.0	256	62.00	29.0	251
18.00	19.0	253	63.00	32.0	249
19.00	20.5	251	64.00	32.5	253
20.00	22.0	245	65.00	31.5	256
21.00	23.5	243	66.00	30.0	257
22.00	22.5	249	67.00	26.5	259
23.00	22.5	249	68.00	25.5	261
24.00	24.0	249	69.00	25.5	262
25.00	27.0	248	70.00	23.0	264
26.00	35.0	244	71.00	20.0	294
27.00	38.0	242	72.00	31.0	332
28.00	40.5	237	73.00	26.0	226
29.00	42.5	239	74.00	23.5	248
30.00	46.0	238	75.00	23.5	250
31.00	48.5	237	76.00	26.0	252
32.00	53.0	237	77.00	28.5	252
33.00	58.0	235	78.00	24.5	248
34.00	56.0	238	79.00	30.5	265
35.00	51.0	238	80.00	27.0	252
			81.00	26.5	250
			82.00	26.5	257
			83.00	26.0	252
			84.00	31.0	256

Ft. Totten, N. Y.  
February 7, 1975 at 1115 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
85.00	34.0	257
86.00	34.5	259
87.00	32.0	253
88.00	34.0	256
89.00	33.5	256
90.00	34.0	257
91.00	35.0	248
92.00	38.5	272
93.00	34.0	262

Wallops Island, Virginia  
February 5, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	4.5	285	36.00	57.5	248
.25	5.5	288	37.00	61.0	249
.50	7.0	291	38.00	66.5	246
.75	8.0	294	39.00	73.5	247
1.00	8.5	292	40.00	77.0	246
1.25	9.0	299	41.00	75.5	247
1.50	4.5	311	42.00	66.5	249
1.75	5.5	280	43.00	60.5	253
2.00	7.0	248	44.00	59.5	255
2.25	8.0	247	45.00	54.5	259
2.50	9.5	247	46.00	50.0	257
2.75	9.0	241	47.00	51.5	257
3.00	11.0	242	48.00	53.5	257
4.00	12.0	244	49.00	53.0	257
5.00	15.0	245	50.00	52.5	259
6.00	17.0	247	51.00	51.0	255
7.00	19.5	249	52.00	51.0	251
8.00	23.0	249	53.00	51.5	255
9.00	23.5	248	54.00	55.0	255
10.00	23.5	246	55.00	49.0	257
11.00	24.0	242	56.00	46.5	258
12.00	26.5	245	57.00	46.0	255
13.00	26.5	247	58.00	46.0	254
14.00	28.5	245	59.00	41.5	254
15.00	30.5	247	60.00	37.0	254
16.00	31.5	247	61.00	32.5	253
17.00	31.5	243	62.00	28.0	253
18.00	32.0	248	63.00	27.5	258
19.00	35.0	248	64.00	28.5	256
20.00	37.0	246	65.00	29.0	259
21.00	40.0	251	66.00	30.0	259
22.00	41.0	252	67.00	29.5	264
23.00	42.0	252	68.00	28.0	273
24.00	43.5	252	69.00	26.0	272
25.00	44.5	249	70.00	24.5	271
26.00	45.5	248	71.00	25.0	271
27.00	46.0	250	72.00	25.5	271
28.00	46.5	249	73.00	25.5	271
29.00	46.0	248	74.00	26.0	271
30.00	46.0	248	75.00	24.0	272
31.00	46.0	248	76.00	21.5	272
32.00	49.0	248	77.00	19.5	273
33.00	51.5	248	78.00	21.5	251
34.00	54.0	247	79.00	26.0	252
35.00	56.5	249	80.00	28.0	264

Wallops Island, Virginia  
February 5, 1975 at 2315 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	24.0	265
82.00	24.5	264
83.00	28.5	257
84.00	30.0	259
85.00	29.5	250
86.00	33.0	254
87.00	33.0	250
88.00	35.0	259
89.00	32.0	258
90.00	28.5	256
91.00	25.5	255

Wallops Island, Virginia  
February 6, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	9.9	283	36.00	67.6	238
.50	8.7	240	37.00	69.8	242
.75	9.8	242	38.00	74.7	243
1.00	13.1	252	39.00	75.5	242
1.25	13.4	251	40.00	75.9	243
1.50	14.9	256	41.00	71.9	249
1.75	14.8	255	42.00	67.0	255
2.00	15.7	255	43.00	60.3	255
2.25	17.3	261	44.00	56.4	253
2.50	17.2	261	45.00	53.8	252
2.75	19.2	276	46.00	56.1	252
3.00	24.6	284	47.00	57.0	251
4.00	21.0	279	48.00	55.9	252
5.00	21.2	275	49.00	55.5	251
6.00	23.8	260	50.00	57.2	253
7.00	25.2	253	51.00	54.5	256
8.00	26.5	254	52.00	49.0	256
9.00	31.7	254	53.00	48.0	251
10.00	34.8	254	54.00	51.6	252
11.00	35.7	250	55.00	48.9	258
12.00	36.9	248	56.00	46.6	254
13.00	36.2	240	57.00	41.2	245
14.00	30.9	238	58.00	45.3	259
15.00	29.6	248	59.00	39.6	262
16.00	30.1	259	60.00	32.0	267
17.00	37.3	265	61.00	27.0	252
18.00	43.7	263	62.00	30.7	250
19.00	45.4	259	63.00	28.9	253
20.00	46.1	257	64.00	27.2	247
21.00	46.7	254	65.00	24.9	253
22.00	45.8	253	66.00	26.5	256
23.00	47.0	252	67.00	27.0	259
24.00	47.1	252	68.00	27.8	260
25.00	47.6	252	69.00	25.7	265
26.00	49.1	252	70.00	26.2	271
27.00	50.8	250	71.00	23.8	254
28.00	52.6	250	72.00	23.4	260
29.00	54.2	249	73.00	22.6	257
30.00	55.7	249	74.00	25.3	267
31.00	57.7	251	75.00	23.0	265
32.00	58.6	250	76.00	19.9	251
33.00	61.3	247	77.00	25.0	253
34.00	63.4	246	78.00	26.3	264
35.00	65.3	242	79.00	23.9	264
			80.00	27.3	259

Wallops Island, Virginia  
February 6, 1975 at 0515 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	27.4	259
82.00	30.9	267
83.00	34.1	263
84.00	31.8	271
85.00	27.9	265
86.00	34.0	267
87.00	36.7	261
88.00	38.1	268
89.00	35.1	271
90.00	32.2	265
91.00	32.2	265

Wallops Island, Virginia  
February 6, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	4.0	230	36.00	63.5	243
.25	5.5	231	37.00	64.5	245
.50	6.5	232	38.00	63.5	247
.75	8.0	233	39.00	63.5	248
1.00	9.5	234	40.00	64.0	244
1.25	11.0	248	41.00	67.5	243
1.50	12.0	257	42.00	65.0	244
1.75	15.5	266	43.00	65.5	246
2.00	17.5	252	44.00	66.0	246
2.25	18.0	271	45.00	62.5	249
2.50	17.5	272	46.00	57.0	250
2.75	17.0	272	47.00	56.0	247
3.00	15.5	269	48.00	56.5	248
4.00	15.0	272	49.00	55.0	250
5.00	14.5	275	50.00	53.5	250
6.00	15.5	272	51.00	51.5	250
7.00	18.5	258	52.00	52.5	251
8.00	19.0	260	53.00	49.5	251
9.00	20.5	259	54.00	45.5	247
10.00	26.0	254	55.00	47.0	242
11.00	31.5	249	56.00	50.0	241
12.00	35.0	248	57.00	48.5	245
13.00	38.5	248	58.00	47.5	249
14.00	41.0	247	59.00	44.5	249
15.00	41.0	248	60.00	42.5	250
16.00	41.5	250	61.00	40.5	249
17.00	42.0	251	62.00	39.0	248
18.00	45.5	253	63.00	39.0	248
19.00	45.5	252	64.00	39.5	253
20.00	46.5	250	65.00	34.5	254
21.00	48.5	250	66.00	31.5	249
22.00	50.0	246	67.00	32.5	250
23.00	50.5	246	68.00	29.0	244
24.00	51.5	249	69.00	28.0	246
25.00	54.0	250	70.00	26.0	249
26.00	56.5	250	71.00	23.0	262
27.00	59.0	249	72.00	24.0	263
28.00	60.5	246	73.00	25.5	264
29.00	58.0	244	74.00	27.0	264
30.00	59.0	246	75.00	28.0	265
31.00	62.0	248	76.00	25.5	262
32.00	63.5	247	77.00	23.0	259
33.00	63.5	245	78.00	20.5	256
34.00	63.0	244	79.00	23.0	258
35.00	63.5	244	80.00	25.0	259



Wallops Island, Virginia  
February 6, 1975 at 1115 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	27.5	261
82.00	27.0	263
83.00	26.5	265
84.00	25.5	266
85.00	25.0	268
86.00	28.0	267
87.00	28.0	260
88.00	28.5	260
89.00	29.0	259
90.00	29.5	259
91.00	30.0	258
92.00	31.0	258
93.00	34.5	258
94.00	34.0	265
95.00	33.5	272
96.00	33.5	272
97.00	32.5	270

Wallops Island, Virginia  
February 6, 1975 at 1415 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	16.7	272	36.00	68.5	242
.50	7.3	231	37.00	68.6	244
.75	7.9	234	38.00	67.5	244
1.00	9.0	240	39.00	67.1	242
1.25	13.3	251	40.00	67.5	241
1.50	15.8	263	41.00	71.1	242
1.75	17.3	268	42.00	72.0	248
2.00	17.6	275	43.00	66.1	254
2.25	17.3	277	44.00	62.3	246
2.50	18.0	278	45.00	65.2	243
2.75	16.7	277	46.00	63.1	247
3.00	15.6	280	47.00	56.9	247
4.00	15.2	277	48.00	55.6	245
5.00	16.4	280	49.00	56.5	247
6.00	16.9	276	50.00	52.9	250
7.00	19.2	271	51.00	52.6	247
8.00	20.3	266	52.00	51.3	248
9.00	20.0	262	53.00	49.4	248
10.00	21.3	254	54.00	50.7	243
11.00	25.0	253	55.00	51.1	249
12.00	28.2	256	56.00	42.6	245
13.00	29.6	257	57.00	38.6	239
14.00	33.2	256	58.00	37.8	243
15.00	37.0	250	59.00	38.0	247
16.00	39.8	244	60.00	35.1	245
17.00	38.8	244	61.00	36.4	248
18.00	40.9	250	62.00	34.0	240
19.00	47.1	252	63.00	34.3	245
20.00	50.5	249	64.00	29.5	260
21.00	52.4	250	65.00	27.4	249
22.00	55.4	251	66.00	24.7	242
23.00	58.6	251	67.00	24.5	242
24.00	59.0	250	68.00	24.8	255
25.00	59.6	251	69.00	23.3	259
26.00	61.8	253	70.00	27.4	262
27.00	63.6	252	71.00	26.8	264
28.00	64.3	250	72.00	22.1	267
29.00	64.6	248	73.00	17.8	251
30.00	65.2	246	74.00	22.7	231
31.00	64.5	243	75.00	25.4	244
32.00	66.1	244	76.00	26.3	250
33.00	67.8	243	77.00	27.0	264
34.00	69.7	243	78.00	25.1	269
35.00	69.2	242	79.00	25.2	265
			80.00	25.6	265

Wallops Island, Virginia  
February 6, 1975 at 1415 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	23.8	260
82.00	24.9	258
83.00	25.0	250
84.00	25.6	255
85.00	26.5	251
86.00	29.4	256
87.00	25.6	256
88.00	32.3	268
89.00	29.1	254
90.00	37.6	273
91.00	24.9	253
92.00	32.8	265
93.00	29.6	247
94.00	31.8	251
95.00	32.2	243
96.00	46.0	271
97.00	39.2	276
98.00	25.3	236
99.00	22.1	235
100.00	18.3	241

Wallops Island, Virginia  
February 6, 1975 at 1715 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	5.0	235	36.00	68.5	243
.25	6.0	228	37.00	67.0	244
.50	7.5	221	38.00	66.5	244
.75	7.5	255	39.00	68.0	239
1.00	5.5	248	40.00	70.5	238
1.25	9.5	271	41.00	70.5	240
1.50	11.5	267	42.00	74.5	246
1.75	11.5	257	43.00	72.5	252
2.00	14.0	277	44.00	66.5	255
2.25	12.0	272	45.00	60.5	249
2.50	13.5	274	46.00	59.5	247
2.75	12.5	277	47.00	61.0	245
3.00	12.5	276	48.00	65.5	247
4.00	15.0	282	49.00	61.0	248
5.00	14.5	279	50.00	56.5	247
6.00	14.0	277	51.00	55.0	244
7.00	15.0	272	52.00	57.0	247
8.00	18.0	267	53.00	55.5	249
9.00	21.0	261	54.00	53.5	243
10.00	26.5	261	55.00	51.5	246
11.00	29.5	259	56.00	49.0	245
12.00	31.0	254	57.00	50.0	247
13.00	31.5	254	58.00	42.5	249
14.00	32.5	256	59.00	37.5	245
15.00	33.0	253	60.00	34.5	247
16.00	35.5	255	61.00	34.5	245
17.00	35.5	258	62.00	38.0	250
18.00	37.0	253	63.00	33.0	250
19.00	44.0	252	64.00	29.0	239
20.00	52.5	252	65.00	32.0	255
21.00	56.0	250	66.00	28.0	259
22.00	55.5	249	67.00	25.0	245
23.00	57.5	253	68.00	22.5	236
24.00	60.0	254	69.00	28.0	246
25.00	61.0	252	70.00	28.5	251
26.00	62.0	249	71.00	25.5	251
27.00	62.5	247	72.00	26.5	258
28.00	63.0	245	73.00	23.5	267
29.00	63.5	244	74.00	20.5	263
30.00	64.0	245	75.00	18.0	253
31.00	67.0	244	76.00	20.5	241
32.00	67.5	242	77.00	24.5	251
33.00	67.0	242	78.00	27.0	261
34.00	68.0	245	79.00	23.5	262
35.00	68.5	243	80.00	24.5	252
			81.00	26.0	251
			82.00	25.0	253
			83.00	28.5	259

Wallops Island, Virginia  
February 6, 1975 at 2015 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	11.9	267	36.00	73.1	247
.50	8.0	255	37.00	74.1	245
.75	8.0	262	38.00	72.5	245
1.00	8.4	254	39.00	74.2	239
1.25	8.1	260	40.00	76.6	241
1.50	7.7	255	41.00	80.8	245
1.75	8.5	267	42.00	81.9	252
2.00	8.8	267	43.00	73.5	256
2.25	9.6	266	44.00	67.5	253
2.50	10.7	269	45.00	64.6	252
2.75	9.5	273	46.00	64.0	248
3.00	9.1	273	47.00	64.5	245
4.00	8.9	281	48.00	62.5	245
5.00	6.3	282	49.00	60.5	248
6.00	8.1	274	50.00	55.4	249
7.00	10.7	268	51.00	51.7	247
8.00	12.8	257	52.00	45.7	247
9.00	16.4	251	53.00	45.8	243
10.00	20.9	258	54.00	48.6	244
11.00	23.6	258	55.00	43.1	250
12.00	25.9	254	56.00	39.1	249
13.00	28.4	255	57.00	34.8	247
14.00	26.9	258	58.00	31.9	252
15.00	27.0	258	59.00	28.2	256
16.00	27.2	253	60.00	27.4	255
17.00	28.1	251	61.00	24.9	252
18.00	32.2	252	62.00	27.6	237
19.00	40.4	255	63.00	29.0	242
20.00	47.4	254	64.00	30.3	247
21.00	52.2	251	65.00	27.5	250
22.00	56.1	249	66.00	24.8	253
23.00	57.8	249	67.00	24.3	248
24.00	56.5	249	68.00	26.1	255
25.00	59.8	250	69.00	22.6	252
26.00	62.3	249	70.00	20.2	256
27.00	63.4	248	71.00	21.4	275
28.00	66.7	248	72.00	18.2	241
29.00	70.9	249	73.00	28.6	259
30.00	71.3	249	74.00	23.6	249
31.00	72.1	249	75.00	21.0	258
32.00	71.2	248	76.00	26.9	235
33.00	71.7	248	77.00	25.4	242
34.00	71.3	248	78.00	28.2	239
35.00	71.5	250	79.00	33.0	252
			80.00	34.2	259

Wallops Island, Virginia  
February 6, 1975 at 2015 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	34.7	254
82.00	34.0	251
83.00	33.5	264
84.00	33.9	257
85.00	37.1	248
86.00	36.9	250
87.00	35.7	252
88.00	34.4	252
89.00	37.9	251
90.00	46.4	262

Wallops Island, Virginia  
February 6, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	2.0	280	36.00	69.5	245
.25	3.0	288	37.00	68.0	246
.50	4.0	296	38.00	71.0	242
.75	4.0	293	39.00	74.0	244
1.00	4.0	289	40.00	78.5	244
1.25	5.5	269	41.00	82.0	245
1.50	5.5	257	42.00	83.0	250
1.75	6.0	257	43.00	73.5	255
2.00	6.0	257	44.00	67.0	256
2.25	6.0	257	45.00	63.5	257
2.50	6.0	257	46.00	61.5	256
2.75	6.0	257	47.00	57.0	250
3.00	7.5	253	48.00	58.0	247
4.00	7.0	257	49.00	58.5	244
5.00	8.5	250	50.00	57.0	246
6.00	10.0	249	51.00	54.0	246
7.00	11.0	248	52.00	52.0	245
8.00	13.0	244	53.00	50.5	242
9.00	16.5	246	54.00	47.0	243
10.00	20.5	247	55.00	42.5	245
11.00	24.0	249	56.00	39.0	246
12.00	23.0	250	57.00	35.5	247
13.00	22.5	247	58.00	33.5	249
14.00	25.0	243	59.00	31.5	251
15.00	27.0	239	60.00	30.0	253
16.00	28.5	239	61.00	24.5	255
17.00	31.0	241	62.00	24.5	252
18.00	34.5	247	63.00	25.0	250
19.00	41.5	252	64.00	25.5	250
20.00	48.0	252	65.00	26.5	251
21.00	53.0	249	66.00	27.5	251
22.00	55.0	247	67.00	28.5	251
23.00	56.5	246	68.00	28.5	252
24.00	59.5	247	69.00	27.0	251
25.00	61.5	248	70.00	25.0	251
26.00	61.0	247	71.00	23.5	250
27.00	64.0	247	72.00	22.5	252
28.00	68.5	46	73.00	22.0	253
29.00	68.0	247	74.00	21.0	255
30.00	68.5	245	75.00	20.5	256
31.00	69.5	244	76.00	22.5	255
32.00	71.0	244	77.00	24.5	254
33.00	74.0	244			
34.00	73.0	243			
35.00	70.5	243			

Wallops Island, Virginia  
February 7, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	21.9	347	36.00	77.0	233
.50	7.4	35	37.00	79.2	233
.75	9.4	21	38.00	79.3	232
1.00	10.1	16	39.00	80.8	236
1.25	9.5	10	40.00	81.2	237
1.50	10.2	24	41.00	80.8	236
1.75	10.4	18	42.00	79.9	236
2.00	10.9	13	43.00	79.4	237
2.25	8.8	25	44.00	78.6	236
2.50	8.1	46	45.00	79.3	235
2.75	7.1	22	46.00	81.7	233
3.00	5.5	36	47.00	83.1	234
4.00	4.2	10	48.00	85.5	236
5.00	3.1	351	49.00	87.2	239
6.00	2.3	295	50.00	83.4	242
7.00	4.2	191	51.00	77.3	247
8.00	8.4	193	52.00	71.5	248
9.00	10.7	205	53.00	66.4	248
10.00	12.3	208	54.00	62.2	249
11.00	13.7	213	55.00	57.8	252
12.00	15.3	210	56.00	54.2	253
13.00	15.4	213	57.00	51.0	248
14.00	17.1	218	58.00	51.4	247
15.00	20.3	220	59.00	52.7	251
16.00	21.2	226	60.00	49.9	254
17.00	21.3	227	61.00	46.0	256
18.00	21.8	226	62.00	43.8	257
19.00	21.8	222	63.00	43.2	255
20.00	23.0	223	64.00	41.7	251
21.00	28.1	222	65.00	42.2	252
22.00	32.7	226	66.00	42.4	248
23.00	35.1	228	67.00	41.3	247
24.00	38.0	234	68.00	37.3	242
25.00	44.8	241	69.00	38.7	236
26.00	49.9	244	70.00	39.6	238
27.00	57.1	243	71.00	39.7	245
28.00	65.8	241	72.00	37.1	249
29.00	71.4	239	73.00	30.7	252
30.00	73.6	238	74.00	29.6	242
31.00	75.7	237	75.00	31.0	244
32.00	75.7	237	76.00	30.7	243
33.00	75.7	237	77.00	30.9	245
34.00	75.9	234	78.00	32.7	252
35.00	76.5	233	79.00	30.3	247
			80.00	32.9	251



Wallops Island, Virginia  
February 7, 1975 at 0515 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	32.0	249
82.00	34.6	251
83.00	35.4	252
84.00	31.1	248
85.00	33.7	263
86.00	31.8	261
87.00	28.1	265
88.00	24.6	260
89.00	19.5	249
90.00	16.4	244
91.00	19.8	254
92.00	18.8	240
93.00	21.2	250
94.00	24.4	257
95.00	26.6	255
96.00	27.0	252
97.00	28.1	258
98.00	27.4	263
99.00	28.1	263
100.00	26.5	254
101.00	27.7	256
102.00	27.5	254
103.00	27.7	251
104.00	28.7	250
105.00	29.9	256
106.00	29.4	261
107.00	29.3	268
108.00	17.4	210
109.00	31.5	264
110.00	35.4	254

Wallops Island, Virginia  
February 7, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	3.5	325	36.00	76.0	239
.25	5.5	329	37.00	75.5	239
.50	7.5	334	38.00	74.5	237
.75	9.5	338	39.00	72.5	237
1.00	11.5	342	40.00	76.0	236
1.25	13.0	341	41.00	69.5	237
1.50	14.5	340	42.00	68.5	241
1.75	14.5	339	43.00	66.5	242
2.00	15.5	336	44.00	64.0	240
2.25	15.5	337	45.00	63.0	242
2.50	15.5	336	46.00	62.0	245
2.75	15.5	335	47.00	59.0	245
3.00	15.0	333	48.00	55.5	248
4.00	15.0	332	49.00	55.0	249
5.00	14.0	327	50.00	54.5	249
6.00	12.5	308	51.00	54.0	250
7.00	10.0	301	52.00	51.5	253
8.00	13.0	295	53.00	48.0	255
9.00	15.5	289	54.00	44.5	255
10.00	18.5	282	55.00	43.5	254
11.00	21.0	276	56.00	43.0	253
12.00	21.0	272	57.00	42.0	252
13.00	21.5	267	58.00	41.0	251
14.00	21.5	263	59.00	40.5	252
15.00	21.5	258	60.00	39.5	251
16.00	22.5	258	61.00	39.0	251
17.00	23.0	257	62.00	38.0	251
18.00	23.0	256	63.00	37.0	250
19.00	23.5	255	64.00	36.5	250
20.00	23.5	254	65.00	35.0	252
21.00	29.0	254	66.00	34.0	255
22.00	34.5	251	67.00	33.0	257
23.00	38.0	250	68.00	32.0	259
24.00	46.0	247	69.00	31.5	258
25.00	53.5	246	70.00	31.0	256
26.00	56.0	247	71.00	30.5	255
27.00	58.5	245	72.00	29.5	260
28.00	61.0	245	73.00	25.0	254
29.00	64.0	244	74.00	24.0	253
30.00	69.0	243	75.00	22.5	253
31.00	74.0	241	76.00	21.5	252
32.00	78.0	239	77.00	20.0	251
33.00	77.5	239	78.00	21.0	251
34.00	77.0	239	79.00	22.5	250
35.00	76.5	239	80.00	23.5	250

Wallops Island, Virginia  
February 7, 1975 at 1115 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	25.0	251
82.00	25.5	252
83.00	26.0	252
84.00	26.5	253
85.00	27.0	253
86.00	28.0	252
87.00	29.0	252
88.00	30.0	251
89.00	30.5	250
90.00	31.5	252
91.00	32.5	254
92.00	33.0	256
93.00	34.0	258
94.00	34.5	262
95.00	34.0	262
96.00	34.5	262
97.00	35.5	261
98.00	36.5	261
99.00	37.5	260

## APPROVAL

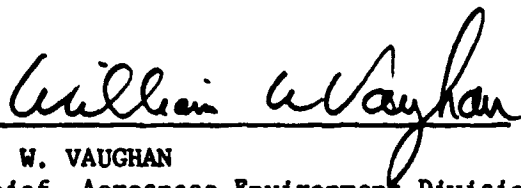
DATA FOR NASA'S AVE III EXPERIMENT:  
25-MB SOUNDING DATA AND SYNOPTIC CHARTSBy  
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This document has also been reviewed and approved for technical accuracy.



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